AUTHOR INDEX

Abadiedebat, J., 516 Abate, C., 289, 308 Abaturov, L. V., 814, 816 Abbate, B., 459 Abbott, K. A., 486 Abbotts, J., 492, 516, 530 Abdukayumov, M. N., 698 Abdulaev, N. G., 661, 666, 670 Abe, Y., 300 Ablashi, D. V., 611 Abo, T., 167 Abraham, W. C., 311 Abramowitz, J., 362, 364, 366 Abramow-Newerly, W., 163 Abrams, H., 587 Abramson, R. D., 724, 731, 739 Abrass, I. B., 660, 681 Abuharfeil, N., 157 Accavitti, M. A., 452 Acharya, S., 292, 305, 308 Achord, D. T., 258 Ackland, J., 452 Acres, R. B., 597, 599 Adachi, A., 581, 611, 612 Adachi, T., 459 Adam, M. A., 589 Adam, N., 661 Adamik, R., 367, 679 Adams, S. E., 593, 607 Adari, H., 386, 388 Addis, B. J., 180 Adhva. S., 45 Adler, C. J., 61, 62 Adler, D. A., 527 Adler, J., 30, 403, 405, 406, 420-22 Admon, A., 288, 839 Adolph, S., 166 Adya, S., 732 Aebersold, R., 376, 381 Aerts, J. F. G. M., 263 Aerts, J. M. F. G., 259, 262, 263 Affara, N., 749

Agabian, N., 698, 706

Agol, V. I., 63

Aguilera, A., 531

Agard, D. A., 331, 332

Aharonov, A., 290 Aharonowitz, Y., 57 Ahearn, J. M., 692, 699, 704, 711 Ahearn, J. M. Jr., 698, 703, 711 Ahern, S., 769 Ahern-Rindell, A. J., 265 Ahlem, C. N., 516 Ahlqvist, P., 331, 338 Ahmad, N., 611 Ahmad, S., 331, 334 Ahmed, N., 394, 590, 593 Aiba, H., 426-28, 430, 431, 435, 563, 646 Aignesberg, A., 269 Aimoto, S., 558 Ainger, K. J., 115 Aitken, J. F., 78, 79, 94 Aitken, J. R., 79, 94 Aitken, J. W., 89 Aizawa, S.-I., 403, 405 Ajiro, K., 536, 539, 829 Akamizu, T., 661 Akeroyd, R., 75-77, 79, 83, 86 Akeson, R. A., 160, 163, 166, 168 Akhtar, M., 658, 673, 674 Akiba, I., 660, 665 Akino, T., 357, 381, 676 Akita, M., 108 Akiyama, F., 248, 249 Akiyama, M., 75, 496, 497 Akiyama, S. K., 452, 461 Akiyama, T., 387 Akiyama, Y., 107, 109, 331, 335 Akli, S., 268 Alam, M., 423 Alamo, I. Jr., 282 Albelda, S. M., 157 Albericio, F., 729 Albert, J., 615 Albert, L., 610 Albert, P. R., 660 Alberta, J., 296 Alberts, B. M., 283, 290, 306, 326, 485, 525 Alborzi, A., 362 Albrecht, I., 492

Albrechtsen, M., 160, 179

Albright, L. M., 402, 425, 428, 430 Albritton, L. M., 583 Alcorta, D., 296 Aldovini, A., 595, 596, 608, 609 Aldrich, C. E., 60 Alessi, D. M., 131, 140, 141 Aleström, P., 45 Aletsee-Ufrecht, M. C., 180 Alexander, P. S., 485 Alfano, M., 660 Alho, H., 310 Ali, A., 817 Alizon, M., 593, 601 Alkema, D. A., 633 Allan, J. S., 599 Allard, W. J., 388, 660 Allen, E., 264, 265 Allen, E. F., 484, 491, 492 Allen, G. F., 331, 343 Allen, J. M., 660, 681 Allen, J. S., 597 Allen, L. F., 656, 658 Allen, M. H., 169 Allen, P. N., 193, 195, 222, 223 Allen, T. D., 459 Aller, P., 298 Alley, J., 528 Allie, P. M., 454 Allis, C. D., 829 Allison, L. A., 690, 692, 693, 695, 699, 703, 704, 709, 711 Almazan, M. T., 522 Almeida, F. A., 248, 557 Almendral, B. M., 523 Almendral, J. M., 282, 290-92, 295 Almo, S. C., 386 Alonso, D. O. V., 802, 804, 810, 817, 818 Alper, S. L., 765 Alpers, J. D., 581 Alterman, R. B. M., 851 Altevogt, P., 163 Altin, J. G., 309, 310 Altman, S., 195 Altmann, M., 720 Alvarez, J., 762, 763, 768 Alves, C. S., 459

Amano, T., 359 Amatruda, T. T., 376, 380 Ambros, V., 61 Amemura, M., 428, 430, 434, 435 Ames, B. N., 410 Ames, P., 406, 409 Amesz, H., 723 Amini, S., 608 Amiot, M., 454, 456 Amir, D., 808 Amit, B., 597 Amlaiky, N., 661, 668 Amons, R., 720, 721, 744 Amrani, D. L., 459 Anand, N. N., 480, 481 Anand-Srivastava, M. B., 249, 557 Anantharamaiah, G. M., 667 Anba, J., 428 Andersen, J., 646 Anderson, A., 214 Anderson, C. W., 44, 62, 523, 524 Anderson, D. L., 48, 135 Anderson, E. P., 20, 22 Anderson, J. B., 57 Anderson, J. M., 339 Anderson, K. V., 828 Anderson, P. R., 593 Anderson, R. S., 527, 528 Anderson, W. F., 709, 711, 732 Andersson, B., 339 Andersson, J. C., 453 Andersson, M. J., 453 Ando, K., 569 Ando, T., 49 Andreatta, R. H., 819 Andres, J. L., 453 Andresen, J. W., 248, 557, 558 Andresson, O. S., 828, 841 Andrews, B., 841, 843 Andrews, L., 766 Andrews, M. J., 297 Andrews, N. C., 62 Andrews, S. B., 164 Anfinsen, C. B., 322, 324, 816, 817 Ang, D., 327, 331, 335 Ang, S. L., 362, 366, 371 Angel, P., 289, 303, 308, 839 Angelier, N., 331, 333 Angerer, L. M., 828, 832 Angerer, R. C., 828, 832 Angerth, T., 454 Angus, C. W., 362, 367 Anisowicz, A., 296 Ankenbauer, R. G., 428, 430, 432, 433, 435 Anson, D. S., 264, 265 Antoine, G., 45

Antonicek, H., 157, 167

Antoniewski, C., 429, 434 Antonsson, P., 452, 455, 457 Ao, S.-Z., 748 Aoyama, H., 172 Apirion, D., 641 Apkon, M., 247 Aplin, A. C., 292, 304 Appel, R. G., 249 Appelbaum, F., 274 Appella, E., 296, 457 Applebury, M. L., 661 Appleman, J. R., 774-77 Arai, H., 661 Arai, K., 380-82, 560, 571, 661, 676, 677 Arai, N., 50, 514, 527, 531, 532, 534, 537, 540 Arakawa, S., 660, 661 Araki, H., 514, 515, 517, 529, 533, 540, 544 Araki, S., 389 Aramori, I., 661 Arceci, R. J., 235, 240 Archambault, J., 700, 712 Arcuri, K. E., 248 Ardaillou, N., 249 Ardaillou, R., 249 Ardati, A., 237, 239, 240 Arebalo, R. E., 76, 77, 92 Arenander, A. T., 304, 310 Arendt, A., 374, 666 Ares, V., 198 Arfsten, A., 233, 248, 557, 560, 561 Arfsten, A. E., 248, 560, 561 Argentin, S., 232, 236, 237, 239, 240 Argraves, W. S., 456 Ari, N., 493 Arico, B., 402, 429, 434 Ariga, H., 44 Armaleo, D., 691, 694, 700, 704 Armitage, J. P., 423 Armstrong, J., 745 Arndt, E., 196 Arndt, K., 692 Amliots, K., 454 Arnold, L., 52 Arondel, V., 77, 80 Aronin, N., 312 Aronson, D. B., 691, 709, 710 Aronson, P. S., 783 Arpaia, E., 267 Arpin, M., 744 Arquint, M., 157, 159 Arrand, J., 41 Arrigo, S. J., 586, 588, 610 Artamonov, I. D., 661 Arther, L. O., 590 Arthos, J., 583, 620 Arthur, A., 527, 542

Artishevsky, A., 829, 830, 832, 835, 839 Arvilommi, A-M., 453, 457 Arya, S. K., 581, 593, 595, 602 Asakura, S., 410 Asano, K., 646, 647 Asano, T., 366, 658, 765 Asbeck, F., 104 Aschman, D., 532 Ashburner, M., 724 Ashford, A. J., 743 Ashkenazi, A., 660, 679 Ashman, C. R., 485 Ashman, D. F., 554 Ashton, A. S., 559 Ashwell, G., 457 Asire, M., 195 Asjo, B., 615 Assmann, G., 258, 261 Astrin, K. H., 270 Astwood, P. M., 426 Ataai, M. M., 645 Atarashi, K., 251 Atchison, R. E., 198, 199 Atger, M., 661 Atha, D. H., 445, 459, 461 Athanassopoulos, A., 608, 610 Atkins, J., 197 Atkins, J. F., 748 Atkinson, D. E., 410 Atkinson, T., 841, 843 Atlas, S. A., 231, 554 Atmadja, J., 203, 210, 214 Attardi, G., 113 Au. K. G., 497 Augl, C., 516 Aula, P., 271 Aumailley, M., 457 Aune, K. C., 808, 813 Aurbach, G. D., 554 Aurivillius, M., 168 Austen, D. A., 165 Austen, K. F., 448, 454, 455, 459, 466 Austria, R., 462 Ausubel, F. M., 402, 425, 426, 430, 432 Averbuch, L. J., 743 Aveskogh, M., 454 Avraham, S., 454, 455 Axel, R., 157, 159, 660, 681 Axelrod, J., 381, 657 Axelrod, J. D., 764 Axler, C., 580 Aziz, N., 735, 747

B

Babinski, K., 234, 236, 249 Bach, A. W., 660 Bach, G., 270 Bach, R., 295 Bacheler, L. T., 606 Backendorf, C., 214, 215, 223 Backlund, P. S., 367 Backman, K., 425 Backman, K. C., 425 Bäckström, G., 447, 453, 459, 461, 466 Badaracco, G., 516, 521 Badger, C. R., 86 Baehr, W., 661 Baer, P. R., 83 Baetge, E. E., 660, 681 Baetscher, M., 376, 381 Baeuerle, P. A., 306 Bag, J., 735 Bagg, A., 499 Baglioni, C., 829 Bahouth, S., 658 Bailey, J. E., 517, 546 Bailojan, S., 703 Bailone, A., 502 Bain, E. S., 604 Baird, A., 459 Bakalyar, H. A., 562, 563, 568 Baker, A., 116 Baker, B., 177 Baker, J., 452, 456 Baker, M. S., 484 Bakker, E. P., 112 Bakshi, E. N., 459 Balch, C. M., 167 Bald, R., 634 Baldassare, J. J., 84 Baldwin, A. S., 836 Baldwin, C. T., 457 Baldwin, E., 591 Baldwin, J. M., 658, 761 Baldwin, R. L., 797, 800, 808, 810, 816, 819 Baldwin, S. A., 761, 762, 766, 768, 779 Balentien, E., 296 Balke, J., 296 Ballantyne, C. M., 177 Ballard, S., 61 Baller, J., 633 Ballermann, B. J., 236, 556, 566, 567, 570 Ballester, R., 391, 393 Ballinger, D. G., 737 Ballou, L. M., 740 Bally-Cuif, L., 166 Balmaceda, C.-G., 838 Balogh, L. A., 46, 50, 51 Baltimore, D., 61, 62, 246, 306, 515, 578, 587-89, 592, 608, 611, 726, 837, 838 Bambara, R. A., 492, 515-17, 519 Bamford, D. H., 50, 55 Banapour, B., 581

Banaszak, L. J., 83

Banerjee, S. K., 498, 499 Banerji, S. S., 737 Bang, O., 578 Bankaitis, V. A., 79, 94, 103, 104, 107, 108 Banker, A. T., 528, 532 Banks, G. R., 516 Banner, D. W., 635, 637, 644 Bannon, G. A., 829 Bannwarth, W., 849 Bansal, S., 668 Bapat, B., 264, 265 Baraban, J. M., 310, 311 Baranski, T. J., 259, 262 Barbaccia, M. L., 310 Barbacid, M., 352, 357, 359, 369, 385 Barbec, R. W., 250 Barber, A., 594 Barber, C. M., 660, 661 Barberis, C., 660 Barbet, J., 160 Barclay, A. N., 457 Barclay, P. L., 658 Bardwell, L., 296 Barenholz, Y., 75 Barfuss, D. W., 787 Bargatze, R., 444, 451, 454, 456 Bargatze, R. F., 454, 456 Baribault, H., 164 Baril, E., 493 Baril, E. F., 527, 544 Barillari, G., 612, 613 Bark, C., 837 Barka, T., 240 Barker, D., 268 Barker, D. G., 841, 843 Barker, H., 61 Barker, J. N., 169 Barker, K. A., 296 Barlow, D. P., 177 Bar-Ner, M., 463 Barnett, J. E. G., 772 Barnett, T. R., 165 Barnhart, R. L., 459 Baron, M. H., 62 Baroni, M., 392 Baroudy, B. M., 61, 63 Barr, P. J., 457, 593, 604 Barraclough, B. R., 331, 338 Barranger, J. A., 258, 260, 268, 269, 274 Barrell, B. G., 661, 680 Barre-Sinoussi, F., 579, 580 Barrett, P. Q., 244, 251 Barriocanal, J. G., 747 Bar-Sagi, D., 359 Barsukov, L. I., 76, 88 Barta, A., 195, 199, 200, 206 Bartel, B., 332 Bartel, D. P., 303, 305, 308, 310

Bartenschlager, R., 60 Barthels, D., 158, 160, 161, 165, 171 Bartholomew, B., 698 Bartholomew, C., 612 Barti, P., 128, 142 Bartolomei, M. S., 698, 699, 703, 706, 707, 711 Barton, C. H., 160, 165, 166 Barton, D. E., 296 Barton, N. W., 273 Barton, R., 177, 178 Baserga, R., 298 Bashan, N., 597 Bashkin, P., 459 Basiripour, L., 583, 594 Bass, B. L., 621, 648, 649 Bassand, P., 740 Bassford, P. J. Jr., 103-5, 107, 108, 326, 327, 331, 332, 336, 339 Bastia, D., 140, 646 Bastow, K. F., 532 Basu, A., 530 Basu, J., 76, 77 Batenburg, A. M., 119 Batenburg, J. J., 91 Bates, E. R., 245 Bates, H., 500 Bates, J. N., 559 Bates, M. D., 660 Bathurst, I. C., 590 Battini, R., 298 Battista, J. R., 501, 502, 504 Batut, J., 428 Baudin, F., 212 Bauer, C., 250, 251 Bauer, G. A., 514, 515, 517, 522, 523, 527, 533, 536, 538-40 Baulieu, E-E., 331, 343 Baum, J., 814, 815 Baum, M., 249 Baumann, M., 271 Baumbach, L. L., 830, 850 Baumgartner, J. W., 403, 409, 423 Baumruker, T., 838 Bautz, E. K. F., 691, 698, 703 Baxter, J. D., 235, 236, 240 Bayliss, M. T., 448, 452 Baylor, D. A., 555 Bayna, E. M., 157 Bayne, M. L., 516 Bazan, J. F., 79 Bazinet, C., 130, 131, 147 Beach, D., 394 Beals, C. R., 362, 366, 371 Bear, S. E., 131, 133, 135, 138, 140 Beard, C., 709 Beardmore-Gray, M., 456 Beato, M., 331, 343

Beattie, K. L., 484, 486, 527, Beatty, S., 290 Beauchemin, N., 157, 163, 181 Beaud, C., 744 Beaudet, A. L., 177, 258, 260, 261 Beavo, J. A., 557 Bebenek, K., 482, 484, 486, 517, 519, 522, 544, 594, Becht, H., 61 Beck, A. K., 528 Beck, C. F., 648 Beck, E., 61, 63 Beck, K., 171 Becker, A., 127, 128, 130-33, 135-40, 142, 144, 146, 147, 150 Becker, E., 216, 217, 219 Becker, G., 450 Becker, J. M., 392 Becker, J. W., 161 Becker, N., 588 Beckman, R. P., 326 Beckmann, E., 658 Beckwith, J., 103-5, 108, 109, 117, 119, 120, 405 Beckwith, J. A., 104 Bedard, P.-A., 296 Bedinger, P., 57, 59, 585 Bednarik, D. P., 611 Bedouelle, H., 103, 104 Beeler, D. L., 457, 459 Beemon, K., 588, 610 Beer, C. T., 294 Beese, L., 51, 495, 496, 532 Beese, L. S., 51, 532 Begemann, M., 166 Behrens, J., 157, 180 Beiderman, B., 362, 369, 373, 374 Bekesi, E., 391 Belani, K. G., 273 Belasco, J. G., 303 Belfort, M., 841 Belin, D., 745 Belitser, V. A., 8 Bell, F. P., 74 Bell, G. I., 700, 706, 758, 763, 766, 778 Bell, L., 380, 382, 677 Bell, R. A., 633 Bell, R. M., 93 Bell, S. P., 690 Bellairs, R., 167 Belle, E., 744 Bellet, R. A., 248, 249, 555, 559, 566, 568, 569 Bellett, A. J. D., 41, 42 Bellini, R., 232 Benaissa, Z. N., 611 Benbow, R. M., 516

Bencen, G. H., 232 Benchimol, S., 157, 163, 181 Bender, A., 300, 677 Bender, M. A., 589 Benecky, M. J., 459 Benes, V., 52 Bengtsson, G., 459 Bengtsson-Olivecrona, G., 459 Benian, G. M., 177 Benike, C. J., 586 Benko, D. M., 596, 598, 599, 602, 603 Benkovic, P. A., 480, 487, 489, 490, 493 Benkovic, S. J., 480, 487, 489, 490, 493 Benn, S., 586 Benne, R., 723, 724, 727, 740, 743 Bennett, F. A., 463 Bennett, N., 673, 675 Bennett, R. L., 424, 428, 430 Bennett, W. S., 771 Bennett-Guerrero, E., 212, 221 Benoist, C., 833, 836 Benovic, J. L., 380, 655, 656-58, 672-75, 679 Bensadoun, A., 459 Bensch, K. G., 534, 535, 585 Benson, S., 119 Bensussan, A., 617 Benter, T., 588, 596, 602, 608, 611 Bentley, J. K., 554, 555 Benton, C. V., 593 Benveniste, R. E., 601 Benzing-Purdie, L., 465 Ber, R., 306 Berand, D., 829, 832 Berendsen, W., 87 Berendt, A. R., 178 Berenson G. S., 459 Berezin, V., 179 Berezin, Y. V., 736 Berg, G., 619 Berg, H. C., 403, 404, 406, 415, 416, 419, 421, 422 Berg, J. M., 590 Berg. P., 729 Bergelson, L., 76, 77 Bergelson, L. D., 76, 88 Bergendal, K., 459 Berger, E. A., 620 Berger, S. L., 690 Berghofer, B., 698, 699 Bergman, Y., 306, 837 Bergmann, E., 360 Bergquist, P. L., 646, 647 Berk, A., 838 Berkhout, B., 604-6 Berkhout, T. A., 81, 82, 85, 87 Berlin, R. D., 788 Berman, M., 296

Berman, P. W., 619 Bernad, A., 49-52, 57, 59, 493, 528, 532 Bernard, J., 586 Bernards, A., 726 Bernards, R., 168 Berndt, M. C., 157 Bernfield, M., 445, 453, 455, 457, 459, 462 Bernheimer, H. P., 56 Bernotat-Danielowski, S., 780 Bernstein, H. S., 264, 265, 270 Bernstein, P., 854, 855 Bernstine, E. G., 528 Berry, K. W., 727 Bertland, A. U., 29 Bertonis, J. M., 581, 620 Bertrand, H., 57 Bertrand, P., 362, 367 Berzofsky, J. A., 617 Bespalov, I. A., 661 Bessman, M. J., 483, 484, 491, 492, 494, 497, 498, 522 Bettany, A. J. E., 326 Better, M., 128 Beurling-Harbury, C., 271 Beutler, E., 268, 269, 274 Beuve, A., 562, 563, 571 Beverley, P. C., 180, 580 Bex, F., 578, 588, 647 Beyreuther, K., 63, 104 Bhaduri, A., 29 Bhat, S., 179 Bhatnagar, S. K., 483, 491, 492, 497 Bhattacharya, U., 76, 77 Bialek, G., 519, 520 Bianchi, C., 556 Bianchi, M., 516 Biber, J., 782 Biberfeld, G., 615 Biberfeld, P., 613 Bickel, M., 454 Bidaud, M., 428 Bieber, A. J., 157, 163, 165, 167, 174 Bieber, D., 830 Bick, D. P., 144 Bieker, K. L., 103, 104, 109 Bielefeld, D., 466 Bielicki, J., 264, 265 Bienkowski, M. J., 447 Bienvenue, A., 81, 87 Bierzynski, A., 808, 819 Biesecker, G., 612 Bilimoria, B., 748 Billheimer, J. T., 79, 91, 93 Billich, S., 592 Bilodeau, J., 232, 242 Biltonen, R., 799 Biltonen, R. L., 813

Berman, P., 459

Bingham, P. M., 695 Binns, M. M., 748 Birchmeier, C., 392, 661, 681, 847 Birchmeier, W., 157, 180 Bird, D. M., 698, 699, 703 Bird, P., 646, 647 Birdsall, N. J., 668 Birge, E. A., 194 Birkenmeier, E. H., 274 Birnbaum, M. J., 294, 295, 762, 764-66 Birnbaumer, L., 352, 362, 364, 366, 380, 655, 656, 658, 660 Birnbaumer, M., 660 Birnir, B., 778, 779 Birnstiel, M. L., 828, 829, 831, 833, 836, 840, 847-50 Birren, B. W., 376, 380 Bishop, D. F., 258, 260, 263-65, 270 Bishop, R., 290 Bishop, W. R., 93 Bitensky, M. W., 657 Bitter-Suermann, D., 168, 180 Bix, M., 250 Björk, I., 459, 461, 462 Björne-Persson, A., 452 Black, D. N., 61, 847 Black, L. W., 126, 127, 130, 133, 146, 147, 150 Black, V. L., 492 Blackburn, E. H., 209, 214 Blackshear, P. J., 290, 293 Blaha, I., 180 Blaine, E. H., 242, 249, 250 Blair, D. F., 415 Blair, D. L., 837 Blair, L. A. C., 661, 681 Blake, A. D., 666, 667, 672, 673 Blanchard, J.-M., 301 Blanco, L., 48-53, 57, 59, 493, 528, 532 Blaschuk, O. W., 163, 168 Blasco, M. A., 50, 51 Blasi, F., 457 Blatti, S. P., 691 Blattner, W., 612 Blayney, D., 579 Bleackley, R. C., 283 Bleecker, G. C., 835, 840, 850, 851 Bleibaum, J., 262 Blench, I., 761, 762, 779 Blenis, J., 740 Blinder, D., 382, 677 Blobel, G., 103-5, 110, 115, 116, 231, 262, 331, 342 Bloch, D. B., 362, 366, 371

Bing-Dong, J., 528

Bloch, K. D., 232, 235, 236, 240, 242, 243, 362, 366, 371 Block, S. M., 404, 406, 421, 422 Bloem, L. J., 295 Bloj, B., 76, 77, 85 Blok, J., 765 Blok, V. C., 748 Blomberg, P., 646, 647 Bloomfield, F., 459 Bloomquist, B. T., 383 Blow, J. J., 330 Blumberg, P. M., 290 Blumenfeld, H., 312 Blumer, K. J., 655, 676-78 Blundell, P. A., 523 Blüthman, H., 295 Boccardo, G., 61 Bochkareva, E. S., 107, 199, 326, 331, 332 Bochner, B. R., 410 Böck, A., 218, 749 Bock, E., 157, 160, 162, 163, 165, 168, 179, 180 Bock, S. C., 103, 104 Bode, V. C., 127, 131, 142, Bodley, J. W., 210, 729 Bodner, J. B., 515, 518 Boesten, B., 562, 563, 571 Boffa, M.-C., 462 Bogachuk, A. S., 666, 670 Bogdanov, A. A., 41, 60, 61, 63 Bogenhagen, D. F., 492, 515, 516, 518, 522 Bogonez, E., 412, 421 Bogskio, M., 393 Bohan, C. A., 588 Bohmann, D., 288, 839 Böhme, E., 554, 559 Bohn, E. W., 493, 515, 521 Bohni, R., 830, 831, 853 Bohnlein, S., 596, 597, 609, 620 Boistard, P., 428 Boiteux, S., 484, 486, 489, 499 Boklage, C. E., 142 Bokoch, G. M., 376 Bolanowski, M. A., 660 Bolden, A., 492, 515 Bole, D. G., 104, 112 Bolen, D. W., 808 Bolger, G., 391 Bollag, G., 393 Bollag, W. B., 244, 251 Bollekens, J., 836 Bollen, A., 223 Boller, K., 165 Bollinger, J., 421 Bollum, F. J., 515, 516, 527 Bolognesi, D. P., 582

Bolotina, I. A., 814, 816 Boman, H. G., 115 Bona, C., 595 Bond, B. I., 497 Bond, M. W., 854 Bondjers, G., 459 Boned, A., 160, 161, 165 Bonen, L., 196 Bonhoeffer, F., 157, 173 Bonifacino, J. S., 592, 594 Bonin, P., 493 Bonnanfant-Jais, M. L., 331, 333 Bonneau, A. M., 739, 744 Bonner, C. A., 500, 529 Bonner, T. I., 660, 661 Bonner, W. M., 828, 830, 852 Bonnet, F., 454 Boos, W., 30, 406, 429 Boosalis, M. S., 480-82, 485, 486, 489, 491, 493, 494 Booth, E. D., 480, 481 Borczuk, A., 421 Borden, A., 195, 216-18, 498, 499 Borenstein, H. B., 231, 242 Borer, A. A., 331, 333 Borer, P. N., 633, 634 BORKOVICH, K. A., 401-44; 402, 403, 410, 412, 413, 422, 429, 434 Bornstein, H. B., 554, 556 Borowiec, J. A., 524 Borrelli, E., 661 Borst, P., 698, 706 Borun, T. W., 829 Bos, K., 90, 92 Bos, T. J., 288, 308, 833, 835, 839 Bosch, J. V., 592, 595 Bosch, L., 352, 749 Bosch, M. L., 585 Bosch, V., 60 Bose, K. K., 498 Boshart, M., 306 Bosserhoff, A., 560, 561, 571 Botchan, M. B., 485 Botstein, D., 103-5 Bottaro, D. P., 387, 389 Boublik, M., 199, 217 Boucaut, J. C., 171, 174 Bouillon, P., 80 Boulet, A., 514, 515, 517, 527, 533, 540 Bouma, C. L., 762 Bourdon, M. A., 171, 454, 455, 461, 465 Bourge, J. F., 617 Bourgoignie, J. J., 249 Bourin, M.-C., 445, 454, 462, 463 Bourne, H. R., 352, 361, 369, 372-74, 376, 655-57, 681

BOURRET, R. B., 401-44; 402, 403, 411, 412, 418, 419, 428, 429, 431, 432, 434, 435 Boursnell, M. E. G., 748 Boutheret, M. C., 660 Bouvier, M., 596, 655, 658, 666, 670, 672, 673 Bouvier, S., 382, 677 Bowen, J. K., 829 Bownan, C. M., 205, 213 Bownds, K. D., 667, 669 Boxer, L. M., 299 Boyd, A., 57, 405, 406, 528 Boyer, P. D., 411 Boylan, J. G., 231, 250 Boyle, J. F., 679 Boyle, W. J., 241 Boy-Marcotte, E., 392 Bozzato, R. P., 78, 85 Brachet, P., 128, 148 Brackenbury, R., 155, 157, 158, 160, 161, 167, 176, 179 Brada, D., 180 Bradbury, J. H., 808 Braddock, M., 593, 607 Bradford, D. S., 452 Bradley, B., 130, 148 Bradley, M. K., 540 Bradshaw, R. A., 309, 310 Brady, G., 647 Brady, R. O., 273, 274 Braganca, B., 21 Braham, K., 180 Braiman, M., 668 Braiterman, L. T., 765, 766 Brake, D. A., 612 Brandan, E., 466 Branden, C-I., 328, 331 Brandl, C. J., 768 Brands, J. H. G. M., 720 Brandt, D. R., 656, 658, 661 Brandts, J. F., 799, 813 Branlant, C., 199, 223 Brann, M. R., 366, 367, 374, 375, 660 Branscomb, E. W., 480, 484, 491, 492 Brar, A., 234 Brash, D. E., 485 Braun, M., 259 Braun, M. J., 578 Braun, R., 691 Braun, T., 660 Braunitzer, G., 104 Bravo, R., 282, 287-93, 295, 296, 304, 305, 309, 523 Brawerman, G., 854, 855 Bray, P., 362, 371 Brazhnikov, E. V., 813, 814, 816

Breant, B., 695, 700

Breathnach, R., 288, 307, 833 Bredt, D. S., 559, 596 Breeden, L., 841, 843 Breen, K. C., 167, 179 Breener, B. M., 249 Breider, M. A., 273 Breitbart, E. W., 181 Breitmeyer, J. B., 199 Bremer, H., 645 Brems, D. N., 813, 816 Brenchley, P. E., 453 Brendel, V., 645 Brendler, T. G., 732 Brennan, M. J., 445, 461 Brenner, B. M., 236, 556, 566, 567, 570 Brenner, C., 377, 382, 677 Brenner, M., 645 Brenowitz, S., 495, 496 Breslauer, K. J., 482 Bresser, J., 581 Brett, M., 667, 669 Breuer, B., 452, 456 Breviario, D., 394 Brewer, G., 851, 852 Brewer, M., 231, 232, 235 Brezina, L., 163 Brian, A. A., 177 Brick, P., 495, 532 Brick, R., 51 Bridges, B. A., 500, 504 Briend-Sutren, M. M., 656, 658, 660, 669, 680 Brierley, I., 748 Briggs, M. S., 119 Brighetti, S., 813 Brill, S. J., 524, 525, 542 Brimacombe, R., 195, 196, 201, 203 Brissette, R. E., 427, 432, 435 Broach, J. R., 390, 391 Broadhurst, A. V., 620 Brockman, H. E., 485 Broders, F., 168, 169 Brodsky, E., 425 Broek, D., 391, 392, 562, 563 Broka, C., 480, 481 Bromley, S., 832, 843 Bronner-Fraser, M., 173 Brooke, G. R., 523 Brophy, P. J., 89 Brosius, F. C., 765 Brosius, J., 196, 199, 200, 206 Brosius, S., 519 Brostrom, C. O., 749 Brostrom, M. A., 749 Brouillette, C. G., 667 Brouwers, P., 619 Brow, D. A., 211, 212 Brow, M. A., 165 Brown, A. E., 579 Brown, A. L., 297, 483, 491, 492

Brown, A. M., 390 Brown, A. R., 656, 658 Brown, C. A., 267 Brown, D. A., 403, 404, 657, 764 Brown, D. D., 761 Brown, D. M., 453 Brown, E. M., 819 Brown, F., 61, 63 Brown, G. M., 448 Brown, J. E., 817, 819 Brown, J. H., 368 Brown, J. P., 430 Brown, K. D., 282, 293, 294, 296 Brown, N. C., 50, 517 Brown, N. R., 581, 620 Brown, P., 587 Brown, P. H., 747 Brown, R. E., 75, 765 Brown, T., 480, 481, 488, 497 Brown, W. R., 394 Brownstein, M. J., 661 Broyles, S. S., 704 Bruch, L., 580 Bruening, G., 41, 60, 61 Brummendorf, T., 157, 159 Brundage, L., 103, 104, 108, 109, 112, 113, 119 Brunger, A., 356, 359, 360, 386 Brunk, C. F., 846 Brunner, J., 116 Brunnert, S. R., 235, 236 Bruns, G. A. P., 454, 455 Brutlag, D., 491, 494, 522 Bryan, S. K., 500 Bryant, F. R., 480, 487 Bryne, J., 273 Bubis, J., 668 Bublitz, A., 131, 132 Buc, H., 482, 486 Buchberg, A. M., 393 Bucher, P., 840 Buchmeier, N. A., 331, 334 Buchner, J., 337 Buciak, J. L., 733 Buck, C. A., 157 Buckland, P. R., 660 Buckley, N. J., 660 Budd, M. E., 514, 515, 517, 522, 523, 531, 540, 546 Buddecke, E., 464, 465 Buechler, W., 560, 571 Buechner, M., 405 Bueno, R., 425 Buga, G. M., 559 Bugra, K., 661 Buhler, J.-M., 695, 698-700, 704, 706 Bujalowski, W., 634 Bujo, H., 660, 665 Bukhari, A. I., 139

Bukrinsky, M. I., 601 Bullock, P., 541, 544 Bundi, A., 819 Bunge, R. P., 459 Bunn, P. A., 579 Bunt-Milam, A. H., 367 Bunzow, J. R., 660 Burant, C. F., 758, 763, 766, 778 Buratowski, S., 238, 690, 710 Burbulys, D., 429, 431, 434 Burchenal, J. E. B., 421 Burckhardt, J., 282, 287, 290, 291 Burckhardt, S. E., 501, 502 Burd, P. R., 296 Bureau, G., 78 Burg, M., 163, 459 Burgers, P. M. J., 483, 491, 492, 495, 514, 515, 517, 522-24, 527, 533, 536, 538-40, 544 Burgess, R. R., 690-93, 701, 702, 709, 710 Burgess, W. H., 297, 459, 747 Burghoff, R., 608 Burgi, E., 127, 128 Burgoon, M. P., 157, 159, 171 Burkholder, A. C., 380, 661, 676, 677 Burlingame, A. L., 418, 429 Burma, D. P., 197 Burnett, J. C., 249, 250 Burney, A., 588 Burny, A., 578 Buroino, R. J., 374, 375 Burridge, K., 164 Burroughs, J. N., 61 Burrow, C. R., 45, 838 Burrows, G. G., 403, 409, 423 Busch, H., 847 Busch, S. J., 288, 444, 459, 460 Buscher, M., 60, 302 Buse, J. B., 758, 763, 765, 778 Bushman, E. W., 139 Buskirk, D. R., 174 Buss, J., 381 Busslinger, M., 828, 829, 833, 836, 847, 848 Butcher, E. C., 444, 451, 454, 456 Butcher, R. W., 655 Butko, P., 80, 92 Butler, J. S., 853 Butler, W. B., 852 Butler-Gralla, E., 290 Buttin, G., 700 Buzash-Pollert, E., 197 Byahatti, S., 212, 221

Bychkova, V. E., 807, 813,

Byers, M. G., 764, 769

814, 816

Byler, D. M., 819 Bynum, E., 23 Bym, R. A., 581, 608, 611, 620 Byrne, J. H., 312 Byrnes, J. J., 492, 515, 523, 540 Byrns, R. E., 559 Bzik, D. J., 698, 699, 704, 705 Cabelli, R. J., 103, 104 Cabezon, T., 223 Cabrer, B., 210 Cabrera, M., 485, 497 Cabridilla, C. D., 593 Cadena, D. L., 692, 699, 704, 711 Cadepond, F., 331, 343 Caillet-Fauquet, P., 499 Cairns, J., 505 Cairns, M. T., 762, 763 Calabretta, B., 298, 299 Calabro, T., 461 Calciano, L. J., 807, 816 Caldentey, J., 55 Calderhead, D. M., 765 Caleb. B. L., 459, 464 Cales, C., 386, 389, 390 Calhoun, D. H., 264, 265 Callahan, J. W., 258, 260, 262 Callaway, C. S., 582 Callender, R. H., 667, 669 Calman, A., 604, 606 Calos, M. P., 485 Calzone, F. J., 829 Camacho, A., 48 Camargo, M. J., 231 Camejo, G., 459 Camerato, T. R., 560, 561 Cameron, S., 391 Camonis, J. H., 392 Campbell, A., 130, 131, 135 Campbell, D. G., 741, 743 Campbell, J. L., 514, 515, 517, 522, 523, 531, 540, 546 Campbell, K., 596 Campbell, M., 597, 610 Campbell, P., 465 Campbell, S., 455 Cancedda, R., 104 Candelore, M. R., 658, 666-70 Cangelosi, G. A., 428, 432 Cann, A. J., 586, 611 Cannizzaro, L. A., 527 Cannon, J. F., 392 Cannon, S., 331, 338 Canonaco, M. A., 211 Cantin, E. M., 621 Cantin, M., 232, 243, 248, 249, 554, 557 Cantor, C. R., 199, 213, 633

Cantrell, D. A., 388 Cao, X.-M., 291, 303, 304, 307, 310 Cao, Y., 581 Capasso, O., 832, 850, 851 Caplan, A. I., 452, 462 Caplan, S. R., 403 Capon, D. J., 382, 604, 620, 660, 679 Capony, J.-P., 744 Caputo, C. B., 446, 448 Carbon, P., 196, 212, 837 Cardin, A. D., 444, 459, 460 Carey, D. J., 453, 457 Carey, E. M., 89 Carhart, M. S., 174 Carlberg, K., 588 Carles, C., 698, 699 Carlson, G. J., 173 Carlson, M., 766 Carlson, S. S., 453 Carlsson, P., 459 Carlstedt, I., 450-53, 458, 466 Carlton, S., 646 CARON, M. G., 653-88; 654-58, 660, 665-68, 670, 672, 673, 675, 679-81 Caroni, P., 173 Carpenito, C., 177 Carr, T. J., 620 Carrascosa, J. L., 48 Carrino, D. A., 452, 462 Carrino, J. J., 830, 832 Carroll, A. R., 61, 63 Carroll, S. B., 698 Carroll, W. R., 800 Carruthers, A., 776 Carson, G. S., 270 Carter, A. D., 362, 366, 367, 371 Carter, B. J., 128 Carter, D. A., 312 Carter, W. G., 454 Carthew, R. W., 836 Carton, C., 517 Carusi, E. A., 42 Caruso, C., 761, 762, 779 Caruthers, M. H., 633 Casadaban, M. J., 104 Casaregola, S., 499, 502, 505 Casavant, N. C., 593 Case, C. C., 647 Casey, J. M., 593 Casey, P. J., 352, 357, 363, 367, 369, 373, 376, 381 Cashman, N. R., 179 Casjens, S., 126, 130-32, 143, 147, 748 Casjens, S. R., 127, 128, 131-33, 142 Caskey, C. T., 721, 748 Casper, J. M., 423 Cassiman, J-J., 453, 455-57

Castagnoli, L., 643, 644 Castellot, J. J. Jr., 459, 464 Castellucci, V. F., 312 Castillo, C., 519, 523 Castrillo, J.-L., 306 Casu, B., 459, 460, 466 Catalano, R. M., 557, 558 Caterson, B., 452, 453, 461 Caughman, S. W., 747 Caulfield, J. P., 453 Cawthon, R., 393 Cease, K. B., 617 Cech, T. R., 195, 202, 621, 649 Cedar, H., 306 Celis, J. E., 744 Cereghini, S., 836 Cerione, R. A., 658, 672, 679 Cerná, J., 214 Cesareni, G., 637, 638, 643 Ceska, T. A., 658 Cha, T.-A., 525 Chabot, J.-G., 235, 236 Chaidez, I., 115 Chaillet, J. R., 288 Chaing, C. H., 647 Chaires, J. B., 202 Chaix, J.-C., 158, 160 Chakrabarti, D., 723 Chakrabarti, P., 76, 77 Chakrabarti, S., 620 Chalberg, S. C., 248, 660 Chaleff, D. T., 845 Chalkey, P., 331, 333 Chalkley, R., 306, 588 Chalkley, R. A., 772 Challberg, M. D., 42-46, 493, 514, 525, 540 Chamaret, S., 579, 580 Chamberlain, M., 599 Chamberland, M., 232, 236 Chamberlin, M. J., 690, 692, 698 Chambers, A., 607 Chambers, I., 749 Chambers, J., 480, 481 Chambliss, G., 195 Chambon, P., 690, 691, 833 Chamow, S. M., 620 Champagne, E., 580 Champe, M. A., 619 Champion, J. E., 291 Chan, H. S., 800, 801, 803, 805 Chan, R. K., 678 Chan, S. K., 558 Chan, Y.-L., 721 Chanda, P. K., 599 Chanderbhan, R., 75, 80, 92, 93 Chanderbhan, R. F., 90 Chandler, M., 140

Chandler, V. L., 236

Chandrasegaran, S., 480, 481 Chandrasekhar, G. N., 331, 335 Chang, B., 554, 558, 567, 571 Chang, C.-H., 557, 567 Chang, C.-N., 103, 104, 481, 484, 486 Chang, D. D., 610 Chang, D.-Y., 497 Chang, F.-H., 362, 369, 371, 373, 678 Chang, H. C., 581, 620 Chang, J.-K., 248, 557 Chang, L. C., 291, 310 Chang, L. M.-S., 514-16, 540 Chang, L. Y., 248, 558, 571 Chang, M.-S., 244, 248, 249, 559, 563, 564, 566, 568, 569 Chang, N. T., 296, 591, 597 Chang, P. L., 270 Chang, P. N., 273 Chang, P. S., 621 Chang, S.-Y., 104, 157 Chang, T. W., 591 Chang, Y., 452 Changchien, L.-M., 195, 221, 223, 224 Changelian, P. S., 291, 304 Chantrenne, H., 578 Chao, D., 690, 692, 699, 707 Chao, J., 243 Chapman, D., 762, 768 Chapman, N. M., 211, 212 Chappell, T. G., 344 Charbonneau, H., 168 Chardin, P., 389 Charles, C. H., 298 Charnay, P., 291, 292, 304 Charonis, A. S., 459 Charron, M. J., 762, 765 Chartier, L., 231, 232, 243 Chasalow, S., 421 Chase, C. D., 57 Chaudhary, V. K., 620 Chaudhuri, A., 727 Chaudhuri, G., 559 Chavant, L., 77 Chavez, F., 484, 486, 498 Chavrier, P., 292, 304 Chee, M. S., 661, 680 Cheeseman, C. I., 764 Cheifetz, S., 453 Chelly, J., 268 Chen, A. S., 166 Chen, C. H., 607, 612 Chen, C.-M., 604 Chen, E., 248, 249, 459, 559, 564, 566, 568, 569 Chen, H.-B., 668, 670 Chen, I. S. Y., 586 Chen, J., 406 Chen, J. T., 520

Chen, L., 103, 104, 112, 295, 728 Chen, R. F., 816 Chen, S.-T., 298 Chen, T. N., 60 Chen, V., 762 Chen, W. W., 258, 260 Chen, Y.-C., 493 Chen, Y.-M., 425, 600 Chen, Z., 56 Cheng, C.-F., 459 Cheng, C. K., 57 Cheng, G. H., 851 Cheng, M. Y., 119, 331, 340, 341 Cheng, Y-C., 532 Cheng, Y-S., 453, 457 Cheng-Mayer, C., 581, 611, 615 Chenier, R., 586 Cheong, C., 481, 482, 485, 486, 493 Chepuri, V., 428 Cheriathundam, E., 516 Chermann, J. C., 579, 580 Chertov, O. Y., 699 Chess, L., 157 Chester, N., 590 Cheung, A. H., 658, 666, 667, 672, 673 Cheung, L. C., 527 Chevesich, J., 727 Cheynier, R., 617, 618 Chi, M.-H., 369, 373 Chia, L. S., 157, 159 Chiariotti, L., 297 Chien, K. R., 235, 240, 241 Childs, J. E., 381 Chin, H., 244, 248, 559, 563, 564, 566 Chin, H. M., 660 Chin, J. J., 762 Chinault, D. N., 545 CHINKERS, M., 553-75; 244, 248, 556, 559, 563, 564, 566-68, 571 Chinnadurai, G., 596, 597 Chinnock, R. E., 410 Chio, C. L., 660 Chiodi, F., 615 Chiou, F., 421 Chiou, H. C., 50, 528, 532 Chiquet, M., 171, 174 Chiquet-Ehrismann, R., 171, 173 Chirgadze, Y. N., 813 Chirgwin, J. M., 264, 265 Chirico, W. J., 115, 331, 342 Chirikjian, J. G., 634 Chiu, I.-M., 828 Chiu, R., 241, 289, 308, 588, 830 Cho, K. O., 282, 290, 291

Cho, K. R., 157, 181 Cho, M.-I., 592 Cho, T. M., 157 Choay, J., 447, 459, 460, 464, 466 Chodchoy, N., 850, 851 Chodosh, L. A., 836 Choe, H.-R., 563 Choe, J., 828, 829 Choi, A. H. C., 176 Choi, B. H., 458 Choi, E., 231, 232 Choi, G. S. J., 515, 517 Choi, H. U., 452, 459 Choi, Y. S., 168 Chopra, R., 452 Chou, D. K., 167 Chou, K. H., 167 Chou, M. J., 600 Chou, M.-Y., 646 Chou, W.-Y., 482 Choudary, P. V., 269, 274 Chow, L. T., 43 Chow, S., 130, 132, 133 Chretien, M., 231, 232, 234, 236, 243, 249 Chrisman, T. D., 556 Christ, C., 300 Christeller, J. T., 327, 328, 331, 336, 337, 339, 344 Christensen, A., 29, 381 Christensen, O. W., 646, 647 Christensen, R. B., 499, 528 Christensen, T., 214 Christiansen, S., 131, 133, 135, 138, 139, 141 Christiansson, A., 87 Christner, J., 452, 453, 456 Christner, J. E., 452, 459 Christomanou, H., 263, 265, 269, 270 Christopher, C. W., 32 Christy, B. A., 291, 304, 310 Christy, R. J., 765, 766 Chrysogelos, S., 833, 839, 840 Chu, F. K., 841 Chu, P. W. G., 61 Chuang, L. F., 698 Chuang, R. Y., 698 Chui, G., 517 Chumakov, K. M., 61 Chung, F. Z., 660 Chuong, C.-M., 167, 169, 170, 174, 175, 179, 180 Churchill, P. F., 93 Chvatchko, Y., 677 Chytil, F., 75 Cibelli, G., 157, 159 Ciesiolka, J., 199 Cifonelli, J. A., 448 Cigan, A. M., 725 Cilenza, J. L., 766 Cintron, C., 453

Cirillo, V. P., 766 Cisar, L. A., 459 Cisek, L. J., 698, 703, 706, 711 Citron, M., 646, 647 Civelli, O., 660 Cladaras, C., 608, 610 Cladaras, M. H., 724, 731 Claessens, J. A. J., 45 Clapham, D. E., 352, 381 Clapham, P. R., 580, 581, 585 Clark, A. B., 514, 515, 517, 519, 522, 529, 533, 540, 544 Clark, B. F. C., 356, 359, 728 Clark, C. C., 452, 459 Clark, J. D., 660 Clark, J. M. Jr., 61, 362 Clark, L., 46 Clark, M. E., 617 Clark, R. B., 671, 672 Clark, S. J., 743 Clark, V. M., 18 Clark-Adams, C. D., 845 Clarke, B. E., 61, 63 Clarke, D., 90 Clarke, S., 412 Clarkson, B., 587, 588 Claude, A., 541, 544 Clayberger, C., 296 Clayton, L. K., 480, 484, 491, 492, 584 Cleat, P. H., 45, 46 Clegg, D. O., 405, 416 Cleghorn, F., 612 Clemens, M. J., 744, 749 Clement, J. M., 104 Clementi, E., 369, 373 Clements, J. E., 578, 582 Clerc, R. G., 838, 840 Clerk, S., 851 Cleuter, Y., 578 Cleveland, D. W., 749 Cleveland, L. S., 393 Cleves, A. E., 79, 94 Cloney, L. P., 331, 334, 335, 338 Clouse, K., 599 Clouse, K. A., 620 Coady, M. J., 777-80, 786 Coates, A., 851 Cobet, W. W. E., 110, 116 Cobianchi, F., 516 Cobianti, F., 515, 516 Cobon, G. S., 77 Cochran, B. H., 282, 286, 287, 290, 295, 300-2, 304 Cochrance, K. L., 250, 251 Cochrane, A. W., 596, 597, 608, 609 Codina, J., 362, 364-66, 380, 673, 675 Coen, D. M., 532

Coffin, J., 578 Coffin, J. M., 580, 586, 587, 590, 591, 593, 594, 616 Coffino, P., 830, 850 Coggins, J. R., 326 Coghlan, J. P., 250 Cohen, C., 134 Cohen, D. R., 288, 289, 303, 307, 309, 310, 599 Cohen, E. A., 600, 601 Cohen, G., 57 Cohen, I. R., 463 Cohen, L. K., 78 Cohen, M., 558, 570 Cohen, M. B., 559 Cohen, M. P., 466 Cohen, P., 674 Cohen, R. B., 836 Cohen, S. N., 144 Cohn, R., 828 Cohn, R. H., 828 Colby, M., 32 Colby, W. W., 382 Cole, A. J., 310, 311 Cole, B. R., 231, 250 Cole, G. J., 163, 167, 458, 459, 463 Cole, R., 304, 310 Cole, S. P., 429, 431, 434, 593, 601 Coles, L. S., 833, 834 Colicelli, J., 391 Coligan, J. E., 593, 597, 599 Collart, D. G., 846 Collier, D. N., 107 Collins, J., 536, 538 Collins, R. M., 366, 367 Collins, S., 656, 658, 660 Colman, A., 745 Colman, D. R., 157 Colonno, R. J., 178 Colowick, S. P., 13 Colthurst, D. R., 741, 743 Comb, M., 312 Comeau, D., 426 Conaway, R. C., 516 Concaugh, E. A., 274 Conde, M. F., 57 Conio, G., 813 Conley, M. P., 406, 415, 416, 419 Conner, G. E., 262 Conquet, F., 744 Conrad, G. W., 453 Conrad, H. E., 447, 453, 457, 460, 464 Conrad, M., 485 Constantopoulos, G., 273 Contreras, A., 426, 435 Conway, L., 853 Conway, R. C., 493 Conzelmann, E., 258, 260, 263, 266, 271

Cook, G. M. W., 173 Cook, K., 608, 609 Cook, M. L., 648 Cook, R. G., 362, 364, 366, 748 Cookman, G. R., 179 Coombe, D. R., 457, 463 Cooper, J. A., 287, 290, 389 Cooper, J. I., 61 Cooper, K. M., 452 Cooper, T. G., 589 Copeland, N. G., 393 Copeland, T. D., 590, 593, 601, 608, 610, 748 Copeland, W. C., 516 Coppard, N. J., 728 Corbitz, A. R., 394 Corcoran, L. M., 838 Cordel, B., 248 Corden, J. L., 692, 698, 699, 703, 704, 706, 707, 711 Corjay, M. H., 661 Cornelissen, A. W. C. A., 695, 698, 706 Cornelissen, M., 643 Cornelius, P., 765, 766 Correll, P. H., 274 Cort, S. P., 580, 581, 586 Cortese, R., 44 Costa, E., 310 Costello, C. E., 728 Cöster, L., 451-53, 458 Costigan, F. C., 267 Costopoulos, D. S., 581, 620 Cotecchia, S., 656-58, 665, 679, 681 Cotran, R. S., 169 Cottechia, S., 674 Cotten, M., 331, 333, 848 Cotter, R. J., 728 Cotterill, S. M., 493, 517-19, Couchman, J. R., 445, 452, 453, 459, 462 Coukos, W. J., 289 Coulby, J., 126, 139, 149 Coulondre, C., 268, 485 Coulson, A. R., 127, 132 Coulter, D. E., 692, 698 Coulter, S. J., 675 Courneya, C. A., 244 Cournoyer, D., 181 Courschesne, W., 678 Court, D. A., 57 Court, D. L., 131, 133, 135, 138, 140 Coussen, F., 562, 563, 568 Coutre, S., 581 Couturier, M., 647 Covault, J., 170, 175, 179 Cover, W. H., 105 Cowan, S. W., 459 Cowman, A. F., 661

Cox, E. C., 173, 483, 491, 496 Cox, M. M., 500 Crabtree, G. R., 589 Craft, C. M., 374, 673 Cragoe, E. J. Jr., 660 Craig, E. A., 115, 331, 341, 342 Craig, J. C., 620 Craig, M. E., 633 Craig, N. L., 501 Craig, P. A., 459 Craigen, W. J., 721, 748 Crain, R. C., 76, 77, 80, 85, 87, 88 Cramer, F., 728 Crameri, A., 56 Crane, R. K., 782 Crasnier, M., 562, 563, 571 Craven, G. R., 195, 223 Craven, P. A., 554 Crawford, D. H., 580 Crawford, K., 457 Crawford, N. M., 62 Crayton, M. A., 128, 150 Créchet, J. B., 392 Creighton, T. E., 324, 325, 482 Cress, A., 690 Cress, W. D., 690 Creveling, C. R., 27 Crick, F. H. C., 194, 195, 480 Crivello, J. F., 93 Croall, D. E., 746 Croce, C. M., 527 Croen, K. D., 648 Cromlish, J. A., 300, 838 Crooke, E., 103, 104, 108, 115 Crosier, W. J., 393 Cross, G. D., 580, 582, 586 Cross, N. V., 163 Cross, S. L., 830, 842 CROSSIN, K. L., 155-90; 160, 161, 163-67, 169-75, 177-80, 453 Crossman, M. V., 460 Crothers, D. M., 633 Crowfoot, P. D., 77 Crowles, I., 104 Crozat, A., 362, 365 Crute, J. J., 492, 515, 518 Cruz, C., 485 Cullen, B. R., 596, 597, 604, 607-11, 620 Cullen, C. R., 699, 706, 707, 711 Cullen, S. E., 451, 454, 455 Culp, L. A., 452, 459 Cumming, D. A., 262 Cundliffe, E., 195, 197, 211, 218 Cuniasse, P., 481 Cunningham, B. A., 17, 156-67, 169, 170, 172, 176, 180, 182

Cunningham, D. D., 445, 459, 461 Cunningham, J. M., 583 Cunningham, K., 103-5, 108, 109, 113 Cunningham, P. R., 217, 218, 221 Cupp, M., 459 Cupples, C. G., 485 Cuppoletti, J., 763 Curran, J., 583 Curran, T., 241, 287-90, 303, 307-11, 589 Currie, M. G., 231, 243, 245, 250 Currie, R. W., 309, 310 Curry, J., 482 Curtis, C. A., 668 Cushman, S. W., 765 Cutolo, E., 21 Czarnecki, S., 212, 221 Czarnecki, S. K., 362 Czworkowski, J., 208, 209

D

Dabbs, E. R., 196, 222 Daefler, S., 608, 609 Dagan, O., 263 Dahl, M. K., 406, 429 Dahlberg, A. E., 195, 197, 205, 211, 218, 220, 221, Dahlberg, J. E., 205, 211, 213 Dahlin, J., 160 Dahlquist, F. W., 403, 405, 406, 408, 409, 411, 412, 415, 420, 422, 429, 431 Dahms, N. M., 259 Dahmus, M. E., 691, 692, 698, 699, 704, 706, 709-11 Dailey, L., 833, 835, 840 Daishima, K., 104 Dalbey, R. E., 103, 105, 112, 118, 119 Dalcanto, M. C., 582 Dale, M., 736 Dalferes, E. R. Jr., 459 Dalgarno, L., 197, 205 Dalgleish, A., 578, 585 Dalgleish, A. G., 580, 581, 585 Dalpe, M., 556 Dalseg, A. M., 160, 165 Dalton, L., 480, 481 Dalton, S., 833, 834, 836, 838 Dalton, T. P., 76, 79, 86, 94 Dal Toso, R., 660 Daly, T., 608, 609 Damak, F., 392 Dammel, C., 216, 217, 219 Dammel, C. S., 219 Damon, D. H., 304 d'Amore, M. A., 264, 265

D'Amore, P. A., 304, 459 Damsky, C. H., 157, 165 Dan, T. V., 556 Dana, S., 306 Danbara, H., 647 Danchin, A., 562, 563, 571 Dancis, A., 747 Dang, C. V., 744 D'Angelo, D. D., 660 Dangott, L. J., 555, 564, 566 Daniel, J., 392 Daniel, K. W., 656, 658, 660, 665, 667, 679 Daniel, M. D., 618 Daniel, T. O., 157, 168 Daniell, E., 41 Daniels, C. J., 104, 112 Daniels-McQueen, S., 732, 747 Danielsson, A., 459 Daniloff, J., 169, 174 Daniloff, J. K., 171, 175, 179 Danos, O., 593 Darby, G., 50, 528, 532, 619 Darby, J. K., 271 D'Arcy, C. J., 61 Darnell, J., 246 Darrow, R. A., 27, 29 Darst, S. A., 691, 693, 701-3 D'Artel-Ellis, J., 762 Das, A., 428 Das, G., 838 Dasgupta, A., 62, 611 Dasgupta, R., 61 Dash, P. K., 313 Date, T., 104, 105, 112, 530 Dathan, N. A., 45 Datta, B., 723 Daub, E., 130-33, 135, 140 Daubert, S. D., 41, 60, 61 Daugherty, D., 581, 599 Dauguet, C., 580 Daum, G., 77, 78, 80, 84, 88, 116 Daval, J.-L., 310 Davatelis, G., 296 David, G., 453, 455-57 Davide, J. P., 617, 619 Davidson, A., 131-33, 142, 146 Davidson, E. H., 735 Davidson, N., 127, 677 Davidson, R. G., 270 Davidson, R. L., 485 Davies, A., 762 Davies, J. A., 173, 195, 211 Davies, J. W., 61 Davies, K. E., 695, 698, 700 Davies, M. V., 720, 724-26, 729, 742 Davies, P. L., 242 Davies, W., 44 Davis, B., 103, 104, 461 Davis, B. D., 104 Davis, C., 288

Davis, E. O., 766 Davis, G. L., 91, 93, 178, 592, 595 Davis, J. O., 249, 251 Davis, J. W., 554 Davis, K., 195 Davis, L. G., 91, 93 Davis, L. J., 591 Davis, M. G., 611 Davis, R. L., 241 Davis, R. W., 514, 515, 540, 693, 695, 746, 841, 854, 855 Davoust, J., 157, 161 Davydova, E. K., 743 Dawidowicz, E. A., 74, 93 Dawson, R. M. C., 75 Day, A. A., 452 Day, H. L., 235, 236 Day, J., 429, 431, 434 Day, M. L., 236, 240 Dayton, A. I., 595, 596, 608, 609 Duyton, E. T., 459, 608 d'Azzo, A., 263, 265, 267, 268, 271 Deagostini-Bazin, H., 160, 162, 166, 168, 180 Deák, F., 456 Dean, F. B., 524, 525, 527, 541, 542 Dearry, A., 660 de Barros Lopes, M., 678 de Barsy, T., 258, 261 Deber, C. M., 768, 774 DeBernardis, J. F., 657 Debets, J. J. M., 250 de Bisschop, N., 300 DeBlasi, A., 670, 672-75 Deboe, S. F., 245 de Boer, H. A., 197, 217, 220, 221 deBoer, J. G., 482, 485 de Bold, A. J., 231, 242, 554, 556 de Bold, M. L., 231, 242 Debouck, C., 595, 612 Debouk, C., 595 Decker, R. S., 540 De Cock, B., 453, 456, 457 de Crombrugghe, B., 288 Deen, K. C., 583, 620 Dees, C., 374, 666 D'Eustachio, P., 165 Defais, M., 504 DeFeo-Jones, D., 391 Defize, L. H. K., 86 deForesta, F., 592 de Francesco, R., 44 DeGala, G., 270 Degen, M., 118 Degnen, G. E., 483, 491 Degner, M., 157

deGrado, W. F., 119 DeGranpre, L., 517 de Groot, N., 200 DeGudicibus, S. J., 387 DeHerreros, A. G., 740 Dehni, G., 600 Dejter, S. W. Jr., 452 Dekegel, D., 578 De Kruijff, B., 85, 87, 108, 119 De Kruyff, R., 296 Detain, E., 61 De la Monte, S. M., 582 Delavier-Klutchko, C., 660, 667, 679, 680 DeLean, A., 248, 249, 558, 560 Delegeane, A. M., 830 DeLeon, D. V., 828, 832 Delgado, J., 426-28, 430 Delihas, N., 646 DeLisle, A. J., 830, 850 Della Bruna, R., 250, 251 Delli-Bovi, P., 613 Delling, U., 604 De Loof, H., 667 Delouvée, A., 161, 169-72, 180 De Luca, S., 446, 448 DeLuca-Flaherty, C., 328, 331 Delvos, U., 462 DeMarini, D. M., 485 DeMarinis, R. M., 657 Demel, R. A., 76, 80, 85, 86, 88, 90, 119 Dempsey, M. P., 586, 587 Dempsey, W. B., 646 Dengler, B., 633, 634 Denison, S., 828, 846 Denman, R., 199, 217, 221 Dennis, A. F., 590 Dennis, D. T., 105, 322, 328, 331, 333, 338, 340 Dennis, E. A., 91 Dennis, M., 679, 680 Dennis, P., 93 Dennis, R. D., 167 Denton, J., 459 DePamphilis, M. L., 516, 527, 540 de Philip, P., 428 Depper, S. M., 582 Der. C. J., 381, 386, 388 Derancourt, J., 744 Derbyshire, V., 51, 495, 532 Dere, B., 362, 364, 367 Derechin, V., 769 de Recondo, A.-M., 516 Deretic, D., 374, 376 Derman, A. I., 104, 109 Dernburg, A. F., 408 DeRobertis, E. M., 182 deRobichon-Szulmaister, H., 24 Derse, D., 595, 610

DeRubertis, F. R., 554 Derynck, R., 296 Desai, S. M., 593 Deschenes, R. J., 390, 391 Deschepper, C. F., 235-37 de Serres, F. J., 485 Deshaies, R. J., 115, 116, 331, 342, 796 Desiderio, S. V., 42, 43 de Smit, M. H., 731 Desnick, R. J., 258, 260, 263-65, 269, 270 de Sousa, S. M., 383 Desrosiers, R. C., 618 De Stasio, E. A., 195, 218 deSwart, R. L., 108, 119 Detjen, B., 61 Detke, S., 829 Detrick, R. J., 174 Deuel, T. F., 296 Deutzman, R., 457 de Vargas, L. M., 139 Devaux, P. F., 81, 87 de Vellis, J., 304, 310 Deveotes, P. N., 384 Dever, T. E., 720, 724, 728, 739 Deves, R., 773 DeVico, A. L., 593 Devi-Rao, G. B., 648 Devoret, R., 501, 504 deVos, A. M., 356, 359, 360, 386 Devreotes, P. N., 379, 384, 661 de Vries, E., 44, 45 deVrije, T., 108, 119 De Waard, P., 450 Dewhurst, S., 581 De Wit, R. J. W., 384 DeWitt, C. M., 178 DeWitt, D. L., 297 Dewji, N., 263 Dexter, T. M., 459 Deyashiki, Y., 454, 457 Dezelee, S., 700 de Zoeten, G. A., 61 Dhanasekaran, N., 373 Dhar, R., 394 Dharmsathaphorn, K., 558, 570 Dholakia, J. N., 727, 741, 742 Diamond, J. R., 464 Diaz, V., 691, 694, 700, 704 DiCioccio, R. A., 271 Dickenson, J. M., 448, 450 Dickeson, S. K., 76, 79, 86, 94 Dickey, D., 174 Dickson, G., 160, 161, 165, 180 Dickson, J. G., 168, 179 DiCorleto, P. E., 76, 77, 80, Didsbury, J. R., 362, 365, 371

Diedrich, D. F., 778 Diehl, R. E., 388, 390 Dierstein, R., 105 Dietrich, M. A., 704, 705 Dietzel, C., 380, 382, 677, 678 Dietzschold, B., 374, 673 Diez, E., 373 Di Ferrante, D., 463 Di Ferrante, N., 463 Diffley, J. F. X., 44 DiFrancesco, R., 483, 491, 492 Digard, P., 748 DiGiuseppe, J. A., 545 Dignard, D., 380, 382, 677 DILL, K. A., 795-825; 799-805, 810, 817, 818 Dillon, P. J., 597, 606, 609 Dilworth, S. M., 327, 330, 331, 333 DiMarzo, F., 593 Diment, S., 273 Dimpfl, J., 500, 505 Din, S., 525 Dingwall, C., 327, 330, 331, 333, 604, 608 Dinsart, C., 661 Dinter, H., 588 Dinur, T., 269 Dinur, U., 670 Dionne, G., 232 Disteche, C. M., 527 Distel, R. J., 288 Dittman, W. A., 454, 457 Diven, W., 92 Dixit, V. M., 282, 459 Dixon, E. P., 611 Dixon, J. E., 243, 245 Dixon, R. A. F., 380, 387, 388, 390, 656, 658, 660, 666-70, 672, 673 Dlott, B., 268 Doak, T. G., 420 Dobberstein, B., 115, 231 Dobos, P., 61 Dobson, C. M., 814, 815 Doctrow, S., 459 Dodd, J., 157, 159, 163, 170 Dodds, J. T., 731 Dodge, G. R., 447, 453 Dodgson, J. B., 828, 833 Dodson, L. A., 501, 502, 504 Doege, K., 452, 455-57 Doherty, P., 168 DOHLMAN, H. G., 653-88; 380, 654, 656-58, 660, 667, 668, 670, 672, 673, 679, 680 Dohlman, J. G., 667 Doi, T., 668 Dolansky, D., 771, 772 Dolgikh, D. A., 813, 814, 816 Dollé, P., 292, 304 Dolphin, A. C., 657, 679

Domier, L. L., 720 Doms, R. W., 595 Donahue, T. F., 725 Donaldson, G. K., 331, 335, 337, 339, 340 Donato, A. D., 386, 389 Dondon, J., 211 Donelson, J. E., 135 Dong, X., 647 Donker-Koopman, W. E., 262 Donner, D. B., 739 Donovan, N. J., 585 Donti, E., 613 Doolittle, R. F., 288, 658 Dorfman, T., 583, 589 Dom, A., 836 Dorner, L. F., 62 Dornreiter, 1., 527, 542 Dörper, T., 45 Dosanjh, M. K., 484, 486, 498 Dott, K., 597 Doty, P., 633 Douady, D., 75, 77 Dougan, S. T., 300, 301 Douglas, J. G., 567 Douglas, R. M., 311 Douglas, W. H. J., 459 Dours, M. T., 157, 160, 166 Douthwaite, S., 195, 210, 215, 218 Dove, W. F., 127, 142, 148 Dowhan, W., 78, 79, 94, 108, 109, 119 Down, J., 157, 159 Downey, K. M., 492, 515, 517-19, 523, 541 Downing, K. H., 658 Downward, J., 388 Dragovic, L. J., 648 Dragunow, M., 309-11 Drake, J. W., 484, 491, 492 Drebot, M. A., 844 Dresler, S. L., 540, 545 Dreyer, E. B., 582 Dreyer, G. B., 620 Dreyer, W. J., 376, 381 Dreyfus, L. A., 110 Dreyfuss, G., 735 Drickamer, K., 457 DRIESSEN, A. J. M., 101-24; 103, 104, 106, 108, 109, 112, 113, 117, 119 Drinkwater, N. R., 485 Drischel, C., 80 Droge, P., 425 Droogmans, L., 588 Drouin, J., 231, 232, 236, 237, 239, 240 Drummond, D. R., 745 Drummond, M., 426, 435 Drygin, Yu. F., 61 Drzeniek, Z., 157, 181

Duband, J.-L., 169, 170, 172, 180 Dubnau, D., 429 Dubnau, E., 429 DuBois, G. C., 597, 599 DuBois, R. N., 293, 294 Dubrow, R., 286, 295, 299 Duby, A. D., 231, 232 Duchange, N., 589 Duchaussoy, P., 459 Duckwitz-Peterlein, G., 84 Duda, T., 660 Dudani, A. K., 331 Dudhia, J., 452, 456 Dudycz, L. W., 50, 517 Dufour, S., 172 Dukovich, M., 588, 611 Dumas, L. B., 516, 523, 841, 843 Dumbrille-Ross, A., 264, 265, 267 Duncan, K., 326 Duncan, R., 725, 737, 739-41, 743 Duncan, R. F., 720, 740, 749 Dunham, D. G., 456 Dunlop, N. M., 617 Dunn, B. M., 62 Dunn, B. R., 249 Dunn, D., 197, 393 Dunn, D. M., 748 Dunn, J. J., 197 Dunn, M. J., 249 Dunn, R. L., 485, 496 Dunnett, S. B., 310, 311 Dunon, D., 168, 169 Durand, D. B., 589 Duranton, H., 80 Durieu-Trautmann, O., 660 Dürrenberger, F., 56 Dustin, M. L., 157, 161, 162, 177 Dutriex, M., 502 Dutta, A., 300 Dutton, D. P., 403, 409, 423 Duval, D., 236 Düvell, A., 57 Dwarki, V. J., 303 Dworkin, M. B., 745 Dworkin-Rastl, E., 745 Dworniczak, B., 698, 703 Dyatlovitskaya, E. V., 76, 77 Dyer, B. J., 296 Dynan, W. S., 265, 711, 833 Dyson, H. J., 819 Dziadek, M., 453

E

Eades, L. J., 131, 140, 141 Eagland, D., 813 Earl, P. L., 528, 585, 595 Early, J. J., 374, 673 Earnshaw, W. C., 127, 128, 133 Eaton, D. H., 217, 221 Ebel, J.-P., 196, 199, 202, 212, 837 Ebert, P. R., 402 Ebrey, T. G., 670 ECHOLS, H., 477-511; 425, 482, 483, 486, 488, 489, 491, 492, 495-97, 499-502, 504, 505 Eckner, R., 849 Eckstein, F., 519 Eddy, B., 778 Eddy, R. L., 659, 660, 668, 764, 769 EDELMAN, G. M., 155-90; 155-58, 160-66, 169, 170, 176, 177, 180-82 Edelman, I., 646, 647 Edery, I., 720, 724, 732, 746 Edgell, M. H., 593 Edlund, T., 459 Edman, J., 740, 743 Edmiston, S., 501 Edwards, A. M., 691, 693, 700-2 Edwards, I. J., 459 Edwards, R. H., 288 Edwards, S. L., 559 Edwards, Y., 765 Efstradiatis, A., 833 Egan, S. M., 428 Egebjerg, J., 210, 214 Egner, C., 128, 150 EGUCHI, Y., 631-52; 642-44 Ehinger, A., 828, 846 Ehrenfeld, E., 62, 746 Ehresmann, C., 211, 212 Ehrlich, D., 459 Eichler, D. C., 516 Eiden, L. E., 454 Eidne, K. A., 660 Eigen, M., 633 Eilat, D., 199 Eilenberger, G., 84 Einfeld, D., 595 Einheber, S., 177 Eisenbach, M., 403 Eisenstein, R., 452 Eisinger, J., 633, 634 Eistetter, H., 157, 166 Eistetter, H. R., 166 Ekborg, G., 465 Eki, T., 544 Elble, R., 300 Eldor, A., 463 Elferink, R. P. J. O., 263 El-Harith, E. A., 297 Elkins, T., 163, 164, 174, 176 Elledge, S. J., 501, 841 Ellerman, V., 578 Ellingson, J. S., 447, 453

Elliot, D. A., 762 Ellis, C., 387, 389 ELLIS, R. J., 321-47; 119, 322, 323, 325-27, 329, 331, 334-40, 342, 344 Ellison, V., 587 Elsom, V. L., 160, 165 Elson, D., 213, 215 Elting, J. J., 181 Embretson, J. E., 610 Emerman, M., 601, 610 Emerson, C. P. Jr., 283 Emini, E. A., 591 Emmel, E. A., 589 Emmelo, J. V., 725 Emmons, S. W., 130, 135 Emorine, L. J., 656, 658, 660, 667, 669, 679, 680 Emr, S. D., 79, 94, 103-5, 110 Emrich, J., 482 Enari, E., 392 End, P., 457 Endo, E., 453 Endo, M., 386, 387 Endo, Y., 210, 214, 721 Enequist, H. G., 104, 112 Enerbäck, S., 459 Eng, C. M., 270, 271 Engel, J., 452, 453, 456, 457 Engel, J. D., 484, 828, 833 Engelhardt, W. A., 12 Engelke, D. R., 691, 694, 700, 704 Engleman, D. M., 812 Engleman, E., 581 Engleman, E. G., 581, 586 Engler, J. A., 43-45 Englund, P. T., 135 Engström, A., 459 Ennis, D. G., 501 Enomaa, N., 271 Enomoto, T., 44, 46, 544 Enquist, L. W., 128, 148 Ensoli, B., 599, 611-13 Epand, R. M., 817 Eppenberger, H. M., 331, 333 Epperlein, H. H., 171, 173 Epstein, H. F., 816 Eraso, P., 383 Ercolani, L., 679 Erdile, L. F., 525 Erickson, A. H., 262 Erickson, H. P., 161, 162, 171 Erickson, L. C., 852 Erikson, E., 740 Erikson, R. L., 283, 291, 296, 297, 740 Eriksson, U. J., 466 Eritja, R., 480, 481, 484, 486, 498, 500 Ernberg, I., 604, 608 Erni, B., 723, 736 Ernst, H., 720

Ernst, T., 296 Errington, M. L., 310, 311 Ershler, W. B., 459, 464 Escarmís, C., 47, 52, 54, 56 Esch, F., 263 Escobedo, J. A., 157, 168 Eshdat, Y., 679, 680 Esko, J. D., 459, 462, 464, 465 Esmann, J., 169 Esmon, C. T., 462 Esnouf, M. P., 607 Espinosa, R., 388 Esser, K., 41, 50, 57-59 Essigmann, J. M., 484, 486, 498 Etchison, D., 725, 739, 746 Ethier, M., 264, 265 Etkin, A. F., 601 Ettayebi, M., 216, 217 Evan, G. I., 291, 311 Evans, D. M., 453, 457 Evans, F. A., 115 Evans, H. H., 485 Evans, J. E., 167 Evans, P. A., 814, 815 Eveleigh, P., 668 Eveleth, D., 309, 310 Evered, D., 444 Evers, R., 695, 698, 706 Eversole-Cire, P., 362, 367, 371 Evinger-Hodges, M. J., 581 Evstigneera, Z. G., 331, 335 Ewand, D. A., 375 Ewert, M., 660 Exum, S., 665, 681 Eyal, N., 268, 269, 272 Eyermann, F., 212

.

Fackkre, D., 452 Fahey, A., 579 Fahrner, K., 828, 829, 841 Fain, G. L., 555 Fairhurst, J. L., 310 Fairman, M. P., 524, 525 Faison, E. P., 250, 554 Faissner, A., 157, 167, 168, 171, 173 Fajardo, J. E., 737 Falardeau, P., 660 Falconi, M. M., 531 Falk, J. D., 661 Falke, J. J., 408 Falkenburg, D., 698, 703 Falkner, F. G., 837 Falkow, S., 402, 429 Fallon, J. T., 232, 236, 242, 243 Fambrough, D. M., 171, 453 Fan, H., 734, 737, 743

Fan, P. T., 579 Fan, Y-S., 764, 766, 769 Fanburg, B. L., 459 Fandl, J., 103, 104 Fanning, E., 527, 542 Farabaugh, P. J., 268, 485 Fargin, A., 660 Fargnoli, K., 585 Farmer, M., 296 Farmerie, W. G., 593 Farnet, C. M., 587 Farookhi, R., 168 Farrell, D. H., 459, 461 Farrell, P. J., 741 Farrow, B. R. H., 273 Farrow, J. S., 458 Fasano, O., 391, 661, 681 Fasold, H., 778, 780 Fassler, J. S., 845 Fath, M. J., 104, 109 Fauci, A. S., 581, 582, 593, 619 Faull, R. L. M., 309-11 Faust, D., 698, 703 Faust, D. M., 703 Faust, P. L., 259, 262, 264, 265 Favreau, M., 745 Faye, G., 514, 515, 517, 527, 533, 540 Fayet, O., 126, 331, 335, 338 Fazakerley, G. V., 480, 481, Fearon, E. R., 157, 181 Feaver, W. J., 691, 693, 701, 702 Fedarko, N. S., 453, 457, 460, 464 Fedde, K. N., 262 Fedor-Chaiken, M., 391 Fedorko, J., 289, 308 Feher, V. A., 819 Feigenbaum, A. S. J., 267 Feigenbaum, L., 611, 612 Feinberg, M. B., 581, 592. 595, 596, 608, 609 Feingold, D. S., 447, 464, 466 Feinstein, P. G., 562, 563, 568 Feiss, M., 127, 128, 130-35, 137, 140-42, 148-50 Feizi, T., 167, 461 Felber, B. K., 595-99, 602-4, 608, 610 Feldman, L. T., 648 Feldman, M., 586 Feller, S. M., 232 Felser, J. M., 585 Feng. L., 725 Feng, P., 291, 304 Feng, S., 604 Fenner, F., 578

Fennie, C., 583, 594

Fenrick, R., 597

Fenrrack, R., 611 Fenyo, E.-M., 596, 598, 602-4, 615 Feramisco, J. R., 306, 312, 388 Ferguson, J., 377, 380, 382, 677 Ferguson, K., 393 Ferland, L., 301 Ferlinz, K., 265 Fernandez, A., 301, 782, 786 Fernandez, P., 457 Ferrante, R., 482 Ferrari, E., 431 Ferrari, S., 298, 739, 740 Ferreira, C. P., 289 Ferrige, A. G., 559 Ferro, D. R., 460 Fersht, A. R., 480, 482, 485, 492, 493, 504, 810 Ferumisco, J. R., 359 Fessler, J. H., 465 Feuer. B., 633 Fiddes, J. C., 232, 235, 236, 240 Field, C., 94 Field, J., 44, 391, 516 Field, L. J., 239, 250, 251 Field, M., 554, 558, 571 Fiers, W., 725 Fife, W. L., 130, 133, 143, 144, 146, 148 Figdor, C. G., 180 Figler, R. A., 661 Fikes, J. D., 105, 108 Filbin, M. T., 163 Filer, D., 660 Finch, J. T., 329, 333 Findlay, J. B. C., 658, 667, 669, 673 Finegold, A. A., 381 Fink, A. L., 807, 814, 816 Fink, G. R., 692, 845 Fink, J. K., 274 Finkel, L. H., 175 Finkelstein, A. V., 816 Finlay, B. B., 647 Finley, D., 332 Finne, J., 160, 167 Finne, U., 160 Firon, N., 268, 269, 272 Firtel, R. A., 379, 384 Fischer, E. H., 168 Fischer, G., 167, 174, 324, 326, 332, 559 Fischer-Colbrie, R., 454 Fischl, M. A., 619 Fischman, A. J., 232, 242 Fischman, D. A., 177 Fisher, A. G., 581, 595, 599, 615 Fisher, B., 501 Fisher, G. J., 169 Fisher, L. W., 452, 455, 456

Fisher, P. A., 516, 517, 520, 523, 524 Fisher, R. A., 128, 135, 150, 581, 620 Fishman, M. C., 667 Fiskum, G., 93 FitzGerald, D. J., 620 Fitzgerald, M., 853 FitzGerald, M. G., 660, 661 Fitzgerald, M. P., 482, 486 Fitzgerald, P. M. D., 591 Fitzpatrick, V. D., 699, 704, 711 Fitzwater, T., 640 Flaggs, G., 296 Flaherty, K. M., 328, 331 Flanagan, J. M., 812 Flanagan, P. M., 690 Flanegan, J. B., 61, 62 Flatow, B. M., 217 Fleischer, B., 91 Fleischer, S., 88, 91 Fleming, T. P., 387, 389 Fletcher, C., 45, 833, 838, 839 Fletterick, R. J., 79 Flier, J. S., 764, 766, 767 Fliesler, S. J., 167 Flitsch, S. L., 668 Flomerfelt, F. A., 610 Flory, P. J., 800, 803, 804 Floyd-Smith, G., 231 Fluharty, A. L., 263, 269, 270, 272 Fluharty, C. B., 269, 270, 272 Flynn, A. M., 459 Flynn, G. C., 344 Flynn, T. G., 231, 234, 242, 556 Focher, F., 515, 519 Fodor, E. J., 288 Fogarty, S., 131, 141 Foiani, M., 516, 521, 527, 531, 538, 539 Fok, K. F., 231, 243 Folk, J. E., 727 Folk, W., 847 Folkman, J., 459, 463 Folks, T., 586, 599 Folks, T. M., 593 Fong, H. K. W., 362, 367, 369, 371, 373, 376, 380, 381 Fontecilla-Camps, J. C., 161 Forchhammer, K., 749 Fornace, A. J. Jr., 282, 536, 538 Forsberg, S. A., 484, 491 Forss, S., 61, 63 Forssmann, W.-G., 232, 233 Forst, S., 426-28, 430

Forst, S. A., 432, 646 Forster, H. H., 392

Forstermann, U., 559

Forte, C. P., 178 Forte, L. R., 558 Forte, M. A., 383 Fortin, J. A., 57 Fortin, M. G., 331, 343 Fosang, A. J., 452, 456 Foster, P. C., 89 Fournier, R. E. K., 306 Foury, F., 515, 516, 527, 529 Fowler, A. V., 103, 104, 118, 262 Fowler, R. G., 482, 497 Fowles, C., 674 Fowlkes, D. M., 44 Fox, B. A., 698, 699, 704, 705 Fox, D. A., 673 Fox, D. K., 419 Fox, G. E., 196 Fox, K. F., 231 Fox, M. S., 148 Fox, T. D., 205, 218 Frackman, S., 131, 133, 135, 144, 146 Fraenkel-Conrat, H., 484, 491 Frampton, J., 749 Franceschini, T., 103 Francesconi, S., 516, 521, 527, 531, 538, 539 Franchi, A., 35 Franchini, G., 597, 599, 601 Francke, U., 231, 656, 658, 674 Francki, R. I. B., 61 Franco-Saenz, R., 251 Francotte, M., 592 Francou, F., 57 Frangione, B., 458 Frank, J., 199 Frank, R., 157, 159, 291, 292, 304, 523, 560, 561, 571 Franke, R. R., 669 Franke, W. W., 178, 331, 333 Frankel, A. D., 596, 612, 613 Franks, D. J., 557 Fransson, L.-Å., 444, 446, 448, 450-55, 458, 461, 466 Fransworth, C. C., 357, 381 Franza, B. R., 241, 838 Franza, B. R. Jr., 289, 587-89 Franzén, A., 452 Fraser, C. M., 660, 670, 778 Fraser, S. E., 174 Frattini, M. G., 540, 545 Frech, M., 389 Freed, E. O., 585 Freeman, C., 264, 265 Freeman, G. J., 296 Freeman, R. H., 249, 251, 558 Freemont, P. S., 51, 495, 496, 532 Freese, E. B., 484, 498 Freese, E. F., 484 Freeze, H. H., 450

Freier, S. M., 633, 634 Freissmuth, M., 352, 372, 373, 375 Freitag, N., 504 Fremeau, R. T. Jr., 656, 658, 660 Frenz, D. A., 459 Fresco, J. R., 480, 634 Frese, E., 480 Freudl, R., 118 Freund, E., 691, 694 Freundlich, M., 646, 647 Frey, J., 647 Frick, V., 218 Friedkin, M., 17 Friedlander, D. R., 163, 164, 167, 168, 171, 173, 174 Friedman, D. I., 131, 133, 135, 138, 140, 141 Friedman, J. M., 51, 495, 496, 532, 672 Friedman, R. L., 282 Friedman-Kien, A. E., 581, 613 Friedrich, R., 181 Friefeld, B. R., 44 Friefelder, D., 128 Frielle, A., 670 Frielle, T., 656, 658, 660, 667 Fries, E., 453 Friesen, J. D., 693, 695, 700, 712 Friis, P. R., 592 Frishberg, Y., 269 Frith, R., 310 Fritsch, C., 61 Fritze, L. M. S., 445, 457, 461, 464 Fritzler, M. J., 523 Fritzsch, G., 786 Fromageot, P., 695, 698-701, 706 Frost, L. S., 647 Fruh, K., 157, 159 Frunzio, R., 288 Fry. D. C., 819 Fry, M., 484, 515, 545 Fryxell, K. J., 661 Fu, H.-A., 428 Fuchs, M., 337 Fučik, V., 47 Fujibayashi, S., 263 Fujiki, Y., 90, 113 Fujimori, T., 160, 174 Fujimura, H., 57, 380 Fujimura, H. A., 677 Fujinaga, K., 45 Fujita, H., 405 Fujita, K., 300 Fujita, R. A., 832 Fujita, T., 295, 557 Fujiwara, T., 428, 434, 661 Fujiyama, A., 391 Fukada, Y., 357, 381

Fuks, A., 157, 163, 181 Fukuda, K., 660 Fukuda, M., 296 Fukuda, Y., 237, 676 Fukuhara, H., 50, 57 Fukuhara, Y., 270 Fukui, Y., 359, 394 Fukumi, H., 242, 556 Fukumoto, H., 764-66, 769 Fulena-Wasserman, G., 583, 620 Fuller, F., 248, 560, 561 Fuman, P. A., 532 Funderburgh, J. L., 453 Funer, J. W., 236 Fung, B. K.-K., 357, 374, 375, 381, 657 Fung, C., 50, 528 Funkhouser, J. D., 76, 79 Furano, A. V., 168 Furbish, F. S., 273 Furchgott, R. F., 559 Furcht, L. T., 459 Furley, A. J., 157, 159, 163 Furlong, D., 434 Furneaux, H., 524, 525 Furst, W., 263 Furtado, M., 742 Furthmayer, H., 453 Furuno, M., 331, 335 Furuya, M., 569 Pyfe, J. A., 594

G

Gabel, C. A., 259 Gabriel, O., 27, 29 Gabrielli, F., 829 Gabuzda, D. H., 582 Gadella, T. W. J., 82, 84, 86, 88 Gaffield, L., 747 Gagelmann, M., 233 Gahl, W. A., 258, 261 Gailit, J., 445, 461 Gait, M. J., 604, 608 Galas, D. J., 140, 480, 484, 491, 492 Galeotti, C. L., 50, 57 Galibert, F., 60, 502 Galili, G., 745 Galjaard, H., 271 Galjart, N. J., 263-65, 271 Gall, C. M., 312 Gall, W. E., 157, 161 Gallagher, J. T., 444, 447-49, 453, 454, 459, 461 Gallagher, P. M., 264, 265 Gallaher, W. R., 584 Gallatin, W. M., 454 Gallay, E., 130, 132 Galli, G., 848

Gallin, W. J., 157, 161-63, 166, 167, 169-71, 175, 180 Gallinari, P., 834-36 Galliot, B., 292, 304 Gallo, R., 515, 732 Gallo, R. C., 579-82, 590, 591, 593, 595, 596, 602, 608, 609, 612, 613, 616, 617 Galloway, R. J., 410 Galper, J., 381 Galphin, J. C., 606 Gamon, K., 104 Gancedo, M., 383 Gandelman, K. Y., 660 Gandy, S., 268 Ganem, D., 59, 60 Gann, A. A. F., 690 Gannon, F., 833 Gannon, J. V., 526 Gannon, P. M., 105, 107, 118, 120 Ganong, W. F., 235, 236 Ganschow, R. E., 264, 265 Ganten, D., 232 Gao, B., 376, 380 Garabedian, M. J., 331, 343 Garay, S. M., 582 GARBERS, D. L., 553-75; 244, 248, 554-56, 559-61, 563, 564, 566-68, 570, 571 García, E., 56 García, J. A., 48, 52, 53, 56, 61, 587, 589, 596, 604, 606, 611 García, P., 56 Garcia, R., 231, 232, 242, 554, 556 Garcia-Blanco, M. A., 606, 838 Gardel, C., 117, 119 Gardell, S., 448, 452 Gardiner, K., 195 Gardner, D. G., 235-37, 239, 240 Gardner, M. B., 619 Gardner, P. R., 720 Gardner, W. T., 459 Garfield, M., 273 Garger, S. J., 57 Garibay, J. L. R., 366 Gariepy, J., 558, 571 Garmendia, C., 49, 53, 54 Garreau, H., 392 Garrett, R. A., 195, 210, 214, 218, 221, 223 Garrigues, H. J., 453 Garrigues, J., 592 Gartner, M. C., 454, 455 Gartner, S., 581, 582, 602 Garvey, E. P., 810 Garvey, K. J., 47 Gasch, A., 703 Gashler, A., 291, 304 Gasper, P. W., 273

Gast, K., 807 Gatenby, A. A., 322, 323, 326-28, 331, 335-40, 343, 344 Gatignol, A., 605, 606 Gatt, S., 258, 260, 268, 269 Gatti, G., 460 Gattoni-Celli, S., 581 Gaugler, L., 166 Gausepohl, H., 560, 561 Gautam, N. H., 376, 381 Gautel, M., 177 Gavellas, G., 249 Gavey, K. L., 92 Gavrilova, P., 194 Gay, D. A., 749 Gay, S., 459, 464 Gaylor, J. L., 76, 77, 88, 92 Gaynor, R. B., 587, 589, 606 Gazdar, A. F., 579 Gazzano, H., 558 Gdula, D. C., 660 Gebhardt, A., 592 Geer, P. G., 244, 249 Gegner, J. A., 412, 415 Gehlsen, K. R., 457 Geiduschek, E. P., 47, 690 Geier, C., 264, 265 Geiger, B., 157, 158, 160, 165 Geis, A. M., 534, 540 Gelbart, T., 268, 269 Gelderblom, H. R., 591 Gelinas, R. E., 528, 589 Geller, B. L., 112, 113, 119, 120 Geller, D. M., 231, 243, 250 Gellert, M., 127 Gendelman, H. E., 581, 582, 611, 612 Genest, J., 554, 556, 557 Gennarini, G., 157, 159 Gennis, R. B., 428 Gentz, R., 289, 607, 612 George, M., 139 George, P. Y., 76, 77, 80 Georgiev, O., 847 Georgopoulos, C., 126, 130, 131, 326-28, 331, 332, 335-39, 342, 343 Georgopoulos, C. P., 142 Georgopoulos, G., 288 Georgopoulos, K., 241 Gerard, C., 660, 661 Gerard, N. P., 660 Gerdes, K., 646, 647 Gerendasy, D. D., 55 Gerewitz, J., 459 Gerfen, C. R., 660 Gerisch, G., 157, 176 Gerke, V., 847 Gerlach, J., 559 Gerlich, W. H., 59 Gerretsen, M., 833, 836

Gassmann, M., 515, 519

Goldstein, T., 195

Gerring, S. L., 808, 810 Gerster, T., 838 Gerzer, R., 554, 559 Gesnel, M.-C., 307 Gesteland, R., 197 Gesteland, R. F., 748 Gething, M-J., 328, 331, 342 Geurts van Kessel, W. S., 80, 85 Ghazal, P., 612 Gheysen, D., 592 Ghielmini, C., 180 Ghiso, J., 458 Ghosh, A., 61 Ghosh, S., 727 Ghotbi, Z., 582 Ghrayeb, J., 597, 599, 610 Giacoletto, K. S., 451, 454, 455 Giannella, R. A., 558, 559, 570 Giasson, L., 57 Gibbons, J., 614 Gibbs, A. F., 762, 763 Gibbs, E. M., 765, 778 Gibbs, J. B., 352, 359, 382, 386-93 Gibbs, J. S., 50, 528, 532 Gibson, C. W., 298 Gibson, H. L., 590 Gibson, T., 177 Gibson, T. R., 243 Gick, O., 831, 847-49 Giegé, R., 202, 633, 634 Gierasch, L. M., 103, 119 Gierschik, P., 372 Gierse, J. K., 231, 243 Gieselmann, V., 264, 265, 269, 270, 272 Gilbert, W., 268, 485 Gilden, R., 580 Gill, P. J., 459 Gillece-Castro, B. L., 418, 429 Gillemans, N., 263-65, 271 Gillen, F. D., 491 Gilman, A. G., 352, 357, 362, 363, 365, 367-69, 372-76, 380, 381, 567, 655, 656, Gilman, M. Z., 300, 301, 587, 588 Gilmanshin, R. I., 813, 814 Gilmartin, G. M., 849 Gilmore, R., 115, 116, 735 Ginelli, B., 515, 519 Gingeras, T. R., 528 Gingrich, J. A., 660 Ginns, E. I., 258, 260, 268 Ginsberg, A., 800 Ginzberg, I., 215 Giombini, F., 585

Girard, M., 619

Giros, B., 660

Girshovich, A. S., 107, 199, 326, 331, 332, 341 Gittelman, M. S., 810 Gius, D., 303, 307 Givakov, M., 647 Glaser, J. H., 464 Glaser, L., 163, 459, 463 Glaser, P., 563 Glass, R. E., 712 Glatz, J. F. C., 76, 77 Glazer, P. M., 485 Gleason, M. L., 93, 94 Gleiter, C. H., 310 Glembotski, C., 237 Glembotski, C. C., 243, 245, 246 Glenn, W. D., 306 Glickman, B. W., 482, 485 Glimelius, B., 452 Glitz, D. G., 212 Gloor, S., 157 Glössl, J., 452, 456 Glotz, C., 196 Glück, A., 721 Go, A. S., 586 Gocayne, J., 660 Gocayne, J. D., 661 Godany, A., 392 Goddard, G. V., 311 Godefroy-Colburn, T., 732 Godfrey, M., 157 Goding, C. R., 837, 838 Goebel, C. V., 808 Goebel, S. J., 165, 181 Goeddel, D. V., 382, 560, 561 Goedert, M., 661, 681 Goelet, P., 312 Goelz, S., 749 Goetinck, P., 456 Goetz, H., 519, 520 Goetz, K. L., 244, 249 Goff, S. P., 594 Goh, W. C., 595, 596, 608, 609 Goka, T. J., 672 Gold, L., 211, 212, 744 Gold, M., 128, 130-33, 135, 137, 138, 140, 142, 144-48 Goldbach, R., 61, 63 Goldberg, E., 126 Goldberg, I. J., 462 Goldberg, J. I., 163-65 Goldberg, M. L., 828 Goldberg, N. D., 554 Goldfarb, M., 391 Goldfarb, P., 749 Goldman, P. S., 661 Goldowitz, D., 171 Goldschmidt, M. D., 178 Goldschmidt-Clermont, P., 84 Goldsmith, J. S., 515, 517 Goldsmith, P., 367 Goldstein, L. A., 454, 456

Goldthwait, C., 55 Golini, F., 62, 63 Golomb, M., 691 Goloubinoff, P., 327, 328, 331, 335-37, 339, 344 Golub, E., 596 Gómez, A., 56 Gomperts, M., 282, 293, 294 Gonda, M. A., 578, 580, 592, 617 Gondre, B., 392 Gonnon, P., 331, 333 Gonzalez, M. F., 311 Good, L., 633 Goodenough, D. A., 165 Goodenow, M., 614, 615 Goodfellow, P. N., 166 Goodman, C. S., 157, 163-65, 167, 174, 176 Goodman, E. M., 819 Goodman, H. M., 312 Goodman, J. G., 104, 112 Goodman, L. V., 459 GOODMAN, M. F., 477-511; 480-86, 488, 489, 491-94, 497, 498 Goodman, R. H., 289 Goodman, S. L., 157 Goodman, S. R., 164 Goodship, J., 452 Googy, R. S., 360, 361 Gooley, P. R., 819 Goossen, B., 747 Gopal, T. V., 306, 312 Gordon, J. I., 83, 374, 375 Gordon, M. P., 402, 428, 430 Gordon, M. Y., 459 Gorelick, R. J., 590 Gorga, F. R., 773, 774 Gorga, J. C., 765 Gorgen, I., 168 Goridis, C., 157, 159-62, 165, 166, 168, 175, 180 Göringer, H. U., 195, 205, 218 Gorini, L., 222 Gorman, C. M., 238 Gornicki, P., 199 Gorovsky, M. A., 829, 830 Gorski, J., 157 Gorsky, L. D., 559 Goslin, L. A., 515, 523 Goss, D. J., 211, 221, 725 Gossard, F., 235, 236, 679, 680 Goto, Y., 807, 814, 816 Gottesman, S., 428, 434 Gottfert, M., 428 Gottlieb, M. S., 579, 619 Gottlinger, H., 590, 600 Gottlinger, H. G., 591, 599 Gottschalk, S., 259, 262 Gough, G., 526

Gouilloud, E., 590 Goulbourne, E. A. Jr., 423 Gould, G. W., 758, 765, 766, 769 Gould, J., 829, 841, 843 Goulding, M., 310, 311 Goulian, M., 515-17, 527 Goumans, H., 723 Gounari, F., 44 Goureau, O., 367 Gout, P. W., 294 Goutte, C., 300 Gouy, M., 633, 695, 704 Gowda, D. C., 452, 454, 458 Gowda, S. D., 585, 586 Gower, H. J., 160, 161, 165 Goy, M. F., 405, 420, 421 Grabowski, G. A., 258, 260, 262, 263, 268, 269, 272 Grabowski, P. J., 195, 649 Grace, M. E., 262, 268 Grachev, M. A., 698, 699 Graf, L. H., 554, 558 Grafsky, A., 829, 832 Graham, D., 178 Graham, F. L., 47 Graham, G. J., 620 Graham, R. M., 231, 232, 242 Graham, R. S., 660 Graham, T. R., 264, 265 Gralla, J. D., 425, 690 Grammer, R. T., 242, 556 Grandy, D. K., 660 Granger, J. P., 249, 250 Granner, D. K., 837 Granston, A. E., 131, 140, 141 Gratzl, M., 180 Gravallese, P. M., 459 Gravel, R. A., 262, 264, 265, 267, 268 Gravel, Y., 112 Graves, J. D., 388 Graves, P. N., 268 Graves, R. A., 828, 830, 850-52 Gray, G., 608, 609 Gray, P., 459 Graycar, J. L., 296 Graziano, M. P., 363, 369, 373, 376 Greaves, M. F., 459, 580 Green, C. K., 559, 561, 563, 570, 571 Green, D. A., 671 Green, F. A., 763 Green, H. M., 113, 119, 120 Green, L. M., 590, 829, 831, 832 Green, M. R., 289, 312, 605, 606, 608

Green, P. J., 645, 648

Green, S. M., 604, 608

Green, S., 282

Green, S. R., 841, 843 Green, T. L., 853 Greenberg, A. D., 670 Greenberg, B., 231, 232, 235, 239, 240 Greenberg, B. D., 232 Greenberg, E. P., 423 Greenberg, M. E., 179, 241, 282, 287, 288, 290, 300-5, 308-10 Greenblatt, J., 690 Greene, J. V., 579 Greene, L. A., 168, 287, 309 Greene, R., 79, 94 Greene, R. F. Jr., 808 Greene, W. C., 582, 608, 611 Greengard, P., 167 Greening, E. O., 484, 491 Greenleaf, A. L., 691-93, 695, 698, 699, 703, 704, 706, 710 Greenspan, D., 850 Greenstein, M., 126 Greenwald, J. E., 233, 242, 247 Greenwood, M. T., 841 Gregory, L. C., 560, 561 Gregory, S. T., 195, 218 Gregory, T., 581, 620 Gregory, T. J., 619 Greiling, H., 448, 455 Greuer, B., 195 Greve, J. M., 178 Grieco, M. H., 619 Griffin, J. W., 164 Griffith, M. J., 459 Griffiths, A. J. F., 57 Griffiths, C. E., 169 Griffiths, G., 116 Grifo, J. A., 724, 731 Grill, L. K., 57 Grimm, S. L., 515, 527 Grimsley, R., 800 Grinstein, S., 782 Grisafi, P., 105 Grob, P., 428 Grodberg, J., 108 Gröger, W., 45 Groh, V., 581 Grollman, A. P., 481, 484, 486 Grön, K., 271 Grondin, P., 77 Gronostajski, R. M., 44, 516 Groopman, J. E., 581, 582, 599, 608, 611, 620 Gropp, F., 704 Groppi, V. E., 830, 850 Grosbois, M., 77 Groseclose, R., 784 Grosjean, H., 633, 634 Gross, E., 268, 269 Gross, L., 578

Gross, M., 742

Gross, R., 402 Gross, S. R., 691, 694, 700, 704 Grosschedl, R., 833, 836, 837, 847 Grosse, F., 516, 517, 519-21 Groves, D. L., 288 Groyer, A., 331, 343 Grubb, J. H., 264, 265 Grubman, M. J., 61, 63 Gruest, J., 580 Grumet, M., 157, 159, 162, 168-72, 174, 175, 179 Grunberg-Manago, M., 211 Grunert, F., 157 Grunewald, K., 361, 369, 372, 373 Grünnerová, H., 47 Grunow, R., 47 Grunstein, M., 828, 829, 832, 854, 855 Gruss, P., 182 Gu, B. H., 428, 435 Gu, H. M.,, 698, 699, 704, 705 Gualerzi, C. O., 211, 212 Guandalini, S., 558, 571 Guarente, L., 238, 690 Guarino, A., 558, 559, 570 Gubanov, V. V., 704 Gubits, R. M., 310 Gubler, P., 745 Gubler, U., 264, 265 Gudas, J. M., 836 Gudas, L. J., 282 Gudmundsson, G. H., 115 Guerbette, F., 77 Guerra, R. Jr., 559 Guerrant, R. L., 554, 558, 571 Guerrier-Takada, C., 195 Guetard, D., 580 Gueze, H. J., 765 Guggenheimer, R. A., 44-46 Guiard, B., 116, 326, 331, 340 Guidon, P. T., 739 Guidotti, G., 168 Guihua, T., 448 Guild, B. C., 274 Guilfoyle, T. J., 691, 694, 700, 704, 705 Guillemin, R., 459 Guimaraes, A., 452, 462 Guiochon-Mantel, A., 661 Guirao, D., 52, 54 Gumbiner, B., 168 Gundelfinger, E. D., 698 Gundersen, R., 384 Gunderson, S. I., 729 Gunge, N., 57, 58, 528 Gunning, M. E., 556, 566, 567, 570 Gunter, K. C., 291, 308

Gross, N., 633, 634

Guo, C., 595 Guo, P. X., 135 Guo, V., 362, 371 Gupta, N. K., 723 Gupta, R., 195, 196, 202 Gupta, R. S., 331, 334, 341 Gupta, S. K., 373 Gurdon, J. B., 170 Gurney, M. E., 582 Guroff, G., 300 Guryev, S. O., 704 Guschlbauer, W., 481 Gutell, R. R., 195, 196, 202, 219, 220 Guthrie, B., 107, 115 Guthrie, C., 847 Gutiérrez, J., 47, 49, 52-54 Gutkowska, J., 231, 232, 242, 243, 556 Gutowski, S., 357, 381 Guy, B., 597, 599 Guyader, M., 601 Guyer, C. A., 660 Gwynn, B., 274

H

Ha, J.-H., 482 Haas, D. W., 739 Haas, E., 808, 819 Haase, A. T., 578, 580 Haasnot, C. A. G., 211 Habecker, B. A., 660 Habener, J. F., 289, 302 Haber, E., 231, 232, 235 Hackett, P. B., 729 Hacobian, N., 447, 453 Haddox, M. K., 554 Hader, P. A., 633 Hadzopoulou-Cladaras, M., 608, 610 Haffar, O., 592 Haffley, L., 157, 176 Haga, K., 362 Hagedom, C. A., 739 Hagen, D. C., 380, 661, 676 Hagen, E. W., 48 Hagen, G., 691, 694, 700, 704 Hagensee, M. E., 500 Haggarty, B. S., 581 Hagiwara, I. 248, 557, 566 Hahn, B. H., 581, 584, 593, 614, 615, 617 Hahn, S., 238, 690 Hai, T., 289 Haile, D. J., 747 Haimes, M. D., 492 Haines, S. L., 160 Haislip, A., 586

Hake, C. A., 265

Hakomori, S., 31 Halazonetis, T. D., 241, 288

Halberg, D. F., 457

Halden, N. F., 699, 706, 707, Halegoua, S., 104, 118 Halenbeck, R., 388, 390 Halfter, W., 171, 173 Halila, R., 271 Hall, A. K., 161, 162, 352, 385, 386, 389, 390 Hall, B. G., 505 Hall, D. J., 304 Hall, J. D., 50, 528 Hall, L. M., 661 Hall, L. R., 157, 168 Hall, M., 118 Hall, M. N., 427 Hall, S. W., 374, 673 Hall, Z. W., 484 Hallberg, R. L., 331, 335, 339, 340 Hallett, R., 61 Halvorson, H. O., 103, 231 Ham, L., 273 Hama, C., 646, 647 Hamatake, R., 482, 486 Hamatake, R. K., 514, 515, 517, 519, 522, 529, 533, 540, 544 Hamet, P., 554 Hamlin, L. M., 816 Hamlin, R., 51, 495, 532 Hamm, H. E., 374, 376 Hammarskjold, B., 610 Hammarskjold, M.-L., 592, 610 Hammer, A., 698, 706 Hammer, G. S., 579 Hammerton, R. W., 164 Hammes, S. R., 611 Hammond, R. A., 492, 540 Hampikian, G., 456 Hampl, H., 198 Hampton, A., 461 Hanafusa, H., 296 Hanafusa, T., 57 Hanaoka, F., 540, 544 Hanaoka, M., 579 Hanawalt, P., 504 Hancock, D. C., 291 Hancock, J. F., 381, 386, 389, 390 Hane, S., 235, 236 Hanecak, R., 62 Hanks, S. K., 564, 565 Hanley, C., 814, 815 Hanley, M. R., 661, 681 Hanley-Way, S., 104, 105, 110 Hanly, S. M., 833, 835, 840 Hanna, M. M., 698 Hansbrough, J. R., 554 Hansbury, E., 76, 77, 92 Hansen, J., 592, 594 Hansen, O. C., 168 Hanser, J. P., 590

Hantzopoulos, P., 264, 265

Harada, H., 295 Harada, T., 450 Harada, Y., 660 Harayama, S., 104, 112 Harbon, S., 367 Harden, T. K., 368, 675 Hardesty, B., 195, 208, 209, 649 Harding, J., 274 Harding, N. E., 48 Hardingham, T. E., 452, 456 Hardman, J. G., 554, 556 Hardy, S. J. S., 103, 104, 107, 112, 118 Hardy, W. D., 579 Harford, J. B., 747 Hargrave, P. A., 374, 658, 659, 661, 666, 667, 669, 673, 674 Hargreaves-Wall, K. M., 733 Hari, V., 61 Harley, C. B., 331 Harlow, E., 721 Harmsen, J., 61, 63 Harper, J. R., 453 Harper, M. E., 581 Harrach, H., 452, 456 Harrelson, A. L., 157, 176 Harrich, D., 587, 589, 596, 604 Harris, A. N., 237, 264, 265. 271 Harris, B. A., 362, 365, 373, 374 Harris, C. R., 118, 119 Harris, J. R. T., 61 Harris, M. E., 296, 830, 831, 853 Harris, M. P. G., 46 Harris, M. R., 454 Harris, R. B., 243 Harris, T. J. R., 61, 63 Harrison, B. D., 61 Harrison, D., 559, 784 Harrison, D. A., 704 Harrison, J. K., 660 Harrison, P. R., 749 Harsh, G., 361, 369, 372, 373 Hart, C. A., 286 Hart, C. E., 606 Hart, G. W., 728 Hart, J. T., 165, 181 Hart, R. P., 853 Harteneck, C., 560, 561, 571 HARTL, F.-U., 101-24; 105, 106, 108-10, 112, 113, 115-19, 326, 331, 339-41 Hartmann, E., 116 Hartmann, G. R., 521, 698 Hartwell, L. H., 380, 382, 392, 661, 676-78, 843, 844, 846, 856 Hartz, D., 211, 212

Hartzell, S., 295 Harvey, J. M., 770 Harvey, M. S., 76, 77 Harvey, R. P., 833, 837, 838 Harwell, L. W., 516 Hasan, N. M., 139 Hascall, V. C., 444, 446, 448, 450, 452-54, 464 Hasegawa, H., 517, 519, 522, 544 Hasegawa, Y., 661 Haseltine, W. A., 485, 587, 588, 590, 591, 593-96, 600, 601, 604, 608, 609, 611, 612 Hashiba, T., 57 Hashimoto, M., 180 Hasilik, A., 258, 259, 262, 263 Haskins, M. E., 274 Haslinger, A., 288 Haspel, H. C., 295, 762, 764 Hass, R., 728 Hassell, J. R., 444, 452, 453, 455-57 Hassinen, I. E., 247 Hastings, K. E. M., 283 Hastings, N. E., 273 Hata, Y., 389 Hatakeyama, T., 196 Hatch, J. A., 454 Hatch, W. C., 617 Hatoh, T., 231 Hatta, K., 157, 163, 164, 172, 174 Hattori, K., 303 Hattori, S., 386 Hauber, J., 596, 597, 604, 608-10, 620 Haudenschild, C., 463 Hausdorff, W. P., 655, 658. 672, 673, 680 Hauser, J., 485 Hauser, S. C., 464 Hausman, E. H. S., 591 Hausner, T.-P., 210, 214 Hausser, H., 457 Hautanen, A., 445, 461 Havel, H. A., 813, 816 Havele, C., 283 Havemann, K., 180 Haverty, J. L., 41 Havsmark, B., 461 Hawkins, D., 130, 148 Hawlitschek, G., 115 Hay, R. T., 41, 45, 46 Hayashi, Y., 527, 536, 539, 569 Hayashida, H., 60 Hayes, T. E., 300-2 Hayflick, J. S., 157 Hayman, E. G., 445, 461

Hays, S., 500, 529

Hazel, T. G., 292, 293 Hazelbauer, G. L., 403, 406-9, 421, 423

н

He, H.-T., 160 Healy, P. J., 273 Heaphy, S., 604, 608 Heard, C. J., 516, 517, 527 Hearst, J. E., 195 Heasley, L., 373, 375, 382 Heasley, L. E., 373 Hedblom, M. L., 406 Hedbom, E., 452, 456 Hedgpeth, J., 104, 115 Hediger, M. A., 777-80, 786 Hedman, K., 452, 453 Hedrick, S. M., 177 Heffron, F., 331, 334 Heffron, S., 360 Hefta, S. A., 157, 181 Heguy, A., 838 Heideman, W., 362, 373, 374 Heider, J., 749 Heikoop, J. C., 262 Heil, A., 698 Heimark, R. L., 157 Heimbach, J. C., 591 Heimer, E. P., 593, 596 Heimer, J., 610 Hein, A., 453 Heinegård, D., 452, 455-57 Heinemann, U., 480, 481 Heinrich, J., 740 Heinrich, P. C., 796 Heinrikson, R. L., 296 Heintz, N., 45, 828-30, 832-40, 846, 850, 851 Heisler, S., 235, 236 Heitz, P. U., 180 Hekman, M., 374, 666 Held, W. A., 333 Helene, C., 632 Helenius, A., 584, 585 Helin, K., 646, 647 Hellen, C. U. T., 61 Heller, H-M., 522 Hellman, L., 454 Hellmann, G. M., 720 Hellmann, W., 199, 217 Hellmiss, R., 248, 249, 559, 564, 566, 568, 569 Hellström, I., 453 Hellström, K. E., 453 Helmann, J. D., 690 Helmkamp, G. M., 75-77, 79, 80, 83-89, 91, 94 Helms, J. B., 76, 77, 90 Helms, S. R., 833, 840 Helser, T. L., 211

Hemmingsen, S. M., 105, 322, 325, 327, 328, 331, 333, 334, 335, 337, 338, 340 Hemperly, J. J., 157, 158, 160, 161, 165, 166, 176 Hempstead, J. L., 309, 310 Hen, R., 661, 681 Henderson, L. E., 590, 601 Henderson, P. J. F., 766 Henderson, R., 658 Hendrick, J. P., 103-5, 108-10, 112, 115, 118, 119 Hendrickson, E. A., 516 Hendrickson, S. L., 286 Hendrix, R., 130, 131 Hendrix, R. W., 131, 132, 142, 148, 331, 334, 335, 343 Henikoff, S., 430 Henkle, P. C., 761 Hennecke, H., 428 Henner, D., 429, 431 Henner, D. J., 431 Henning, U., 104, 118 Henrie, R. N., 480, 487 Henry, S., 690, 692, 699, 707 Henschen, A., 296 Hensel, C., 729 Henshaw, E. C., 723, 727, 732, 741 Hentschel, C. C., 828, 833, 847 Hentze, M. W., 747 Herb, A., 660 Hereford, L., 828, 829, 832, 841, 843 Hereford, L. M., 830, 832, 854, 855 Heremans, A., 453, 456, 457 Hermetter, A., 77, 78, 80, 84, Hermoso, J. M., 47-49, 52, 53, 55, 56, 59 Hermsen, K., 296 Herndon, C. S., 810 Herndon, M. E., 452, 453, 457 Herr, W., 211, 212, 838 Herranz, J., 819 Herrera, R. E., 300 Herrera-Estrella, A., 56 Herrick, D., 855 Herrmann, S. M., 515 Hers, H. G., 258, 261, 273 HERSCHMAN, H. R., 281-319; 282, 288, 290-94, 297, 298, 304, 305, 308-10 Hershey, A. D., 127, 128, 661 HERSHEY, J. W. B., 717-55; 720, 723-25, 727, 732, 737-43, 746, 749 Hershfield, M. S., 484, 491 Herskowitz, I., 380, 661, 665, 676, 678, 709, 711, 841, 843

Hertel, C., 675 Hertz, B., 270 Herz, J., 560, 561 Herzog, A., 223 Herzog, V., 116 Hescheler, J., 657, 679 Hess, G. F., 660 Hess, J. F., 402, 403, 410-12, 418-20, 429-31, 434, 435 Hessberg-Stutzke, H., 57 Hession, C., 157 Heukeroth, R. O., 374, 375 Heus, H. A., 211 Hevroni, D., 504 Hewlett, E. L., 679 Hewlett, M. J., 61 Hey, T. D., 62 Heyer, W.-D., 525 Heywood, S. M., 648 Hibner, U., 485 Hickey, D. R., 633 Hickey, E., 830, 831, 850, 853 Hickey, R. J., 544 Hidaka, Y., 558 Hiebert, E., 62 Higashijima, T., 667 Higgins, R. R., 130, 133, 135, 137, 139, 144, 146 Highlander, S. K., 646 Higuchi, Y., 600 Hijazi, K. A., 205, 218 Hildebrand, J. H., 803 Hileman, R. E., 723 Hilger, F., 392 Hill, B. J., 61 Hill, D. F., 127, 132, 646, 647 Hill, R. M., 660 Hill, W. E., 195, 212, 214 Hill, W. S., 388, 393, 658, 668, 669 Hille, A., 259, 264, 265 Hillebrand, G. G., 484, 486 Himmelfarb, H. J., 693, 695, 712 Hindennach, I., 118 Hingorani, V. N., 376 Hinkle, D. C., 523 Hinnebusch, A. G., 730 Hinoda, Y., 157, 181 Hinrichs, S. N., 613 Hinsch, K.-D., 560, 561 Hinuma, Y., 579 Hiraga, S., 516 Hirai, K., 57, 58, 528 Hirai, S.-I., 288, 289, 303 Hiraiwa, M., 264, 265 Hiraki, Y., 294 Hirano, S., 164, 180 Hirata, M., 557, 567 Hirata, Y., 236, 237, 246, 569 Hirayama, B. A., 778-80, 782, 786 Hirayama, T., 558

Hirn, M., 162 Hirochika, H., 57 Hirohashi, S., 180 Hirokawa, H., 47-50 Hirose, F., 522, 523, 530, 535 Hirose, N., 459 Hirose, S., 248, 249 Hirose, T., 231, 362, 364 Hirsch, J. P., 690, 692, 699, 707 Hirsch, M.-R., 166, 168, 180, 732, 743 Hirsch, M. S., 581-83 Hirsch, V. M., 618 Hirschberg, C. B., 464, 466 Hirschhorn, R., 264, 265, 271 Hirschhorn, R. R., 298 Hirschman, J., 425 Hirsh, J., 661 Hirsh, M. S., 582 Hirshman, J., 829, 832, 840 Hirst, T. R., 104, 112 Hishida, T., 389 Hishinuma, F., 57, 58, 528 Hissin, P. J., 765, 769 Hixson, S. S., 200, 206 Hizi, A., 594 Hjalmarsson, K., 459 Hla, T., 661 Hnatowich, M., 666, 670 Ho, B. K., 591 Ho, D. D., 581, 582, 595 Ho, J.-Y., 678 Ho, Y., 362, 371 Ho, Y.-K., 376 Ho, Y. S., 362, 371, 646 Hoagland, M. B., 194, 195 Hobson, A. C., 421 Hoch, J. A., 429, 431, 434 Hochner, B., 313 Hochschild, A., 142 Hock, D., 233 Hockfield, S., 452, 462 Hodo, H. G. III, 691 Hoeffler, J. P., 289 Hoefsloot, L. H., 264, 265 Hoff-Jørgensen, E., 17, 19 Hoffman, A. D., 580 Hoffman, A. J., 267 Hoffman, B. B., 671 Hoffman, F. M., 163, 164, 174, 176 Hoffman, S., 160-62, 165, 167, 171-74, 180, 453 Hoffman, W. B., 807 Hoffmann, I., 850 Hoffmann, J. W., 264, 265 Hoffschulte, H. K., 108 Hofmann, F., 554, 559 Hofmann, K. P., 666 Hofnung, M., 103, 104 Hofschneider, P. H., 613 Hofsteenge, J., 462

Hofstetter, H., 848 Hogenauer, G., 633 Hoggan, M. D., 601 Hogikyan, N. D., 267 Hogness, D. S., 380, 658, 659, 661, 668, 828 Hogue-Angeletti, R., 454 Hohn, B., 56, 127, 131, 135, 137, 142, 143 Hohn, K .- T., 517 Hohn, T., 127, 130-32, 142, 143, 147 Holbrook, S., 375, 376 Holland, E. C., 604 Holland, I. B., 205, 213, 499, 502, 505 Holland, J. J., 615 Holland, P. C., 163 Hollander, M. C., 282 Hollingsworth, R., 843 Holly, J., 678 Holman, G. D., 762, 763, 772 Holmer, E., 459 Holmes, K. C., 356, 359 Holmes, W. P., 157 Holmgren, A., 328, 331 Holojda, S., 450 Holt, A. M., 296 Holt, J., 177 Holt, J. C., 296 Holt, J. T., 306, 307, 312 Holtfreter, J., 156, 164 Holthuis, J., 840 Holtzman, E. J., 679 Holzer, H., 796 Holzman, L. B., 282 Holzmann, B., 181 Homcy, C. J., 232, 242 Homma, Y., 57 Honda, A., 712 Honda, B. M., 329, 333 Honda, H., 410 Hong, C. M., 269 Hong, D., 459 Hong, G. F., 127, 132 Hong, J.-S., 428 Honig, B., 670 Honnen, W. J., 595 Hoogerbrugge, P. M., 274 Hoogeveen, A., 271 Hoogeveen, A. T., 271 Hoogeveen-Westerfeld, M., 264, 265 Hoogewerf, A. J., 459 Höök, A., 459, 464 Höök, M., 444, 446, 448, 452, 453, 455, 457, 459, 462, 464, 466 Hoopes, B. C., 646 Hoover, R. G., 282, 290, 291 Hopewell, P. C., 582 Hopfer, U., 782-85 Hopfield, J. J., 207, 480

Hopkins, N. H., 322 Hopkins, R. S., 380 Hoppe, P. C., 274 Hoppe, W., 457 Hopwood, J. J., 258, 261, 264, 265 Horgen, P. A., 57 Hori, S., 661 Horigan, E., 452, 455, 456 Horigan, E. A., 453, 455, 457 Horii, T., 646 Horikoshi, M., 698 Horiuchi, T., 331, 335, 491, 496, 497 Horley, K. J., 177 Hornebeck, W., 459 Horner, A. A., 455, 467 Horner, D. L., 483, 491 Horowitz, D. M., 481 Horowitz, J. M., 301 Horowitz, M., 258, 260, 263, 265, 268, 269, 272 Horowitz, S., 829, 830 Horowitz, Z., 269 Horstman, D. A., 660 Hortsch, M., 157, 165, 174 Horvat, R. T., 588 Horvath, S. D., 115 Horwich, A. L., 116, 119, 331, 339-41 Horwitz, M. S., 43, 44 Hosang, M., 778 Hosey, M. M., 674 Hoshino, M., 386 Hoshino, T., 451, 452 Hosoda, K., 234, 236, 244 Hoss, A., 527, 542 Hostetler, K. Y., 77, 92 Hostomský, Z., 47 Hostos, E. L., 57, 59 Hotta, Y., 535 Hottiger, M., 515, 519 Hougan, L., 380, 382, 677 Houghten, R. A., 819 Houslay, M. D., 352 Houssier, C., 633, 634 Houts, S. E., 405 Hoveland, L. L., 383 Howald, I., 677 Howald, W., 357, 381 Howard, B. H., 238 Howard, J. C., 817 Howard-Flanders, P., 504 Howell, E. E., 810 Howell, M. T., 726 Hoxie, J. A., 581 Hrachovy, J. A., 294 Hruby, D. E., 61, 63 Hruska, K. A., 247 Hsi, K.-L., 516 Hsia, H. C., 482 Hsiao, C. L., 146 Hsieh, J.-C., 50, 55, 528

Hsu, W. H., 362, 367 Hu, S.-Z., 516, 534, 535, 540 Hu. W., 601 Huala, E., 402, 425, 430 Huang, C., 85 Huang, E., 581 Huang, E. S., 611 Huang, J. H., 600, 742 Huang, K. N., 660 Huang, R., 454 Huang, S., 732 Huang, W. M., 132, 748 Huang, Y., 428, 430, 581 Huarte, J., 745 Hubbard, R., 657 Hubbert, N. L., 381 Hubbes, M., 262 Huber, B. E., 169 Huber, H., 457 Huber, S., 452, 455 Huberman, J. A., 50 Hubscher, U., 492, 493, 515 Huckerby, T. N., 448, 450, 460 Huebner, K., 527, 581 Huebsch, D., 523 Huet, J., 693, 695, 698, 700, 701 Huet, T., 614, 615, 618 Huff, A. C., 484 Huff, R. M., 660 Hughes, D. A., 394 Hughes, J. M., 554, 558, 571 Hughes, R. C., 462 Hughes, S. H., 594 Hughson, F. M., 810 Hugle-Darr. B., 331, 333 Hui, A., 197, 217, 220 Hui, A. S., 217, 221 Hui, C.-C., 523 Hull, R., 41 Hultquist, D. E., 411 Humbert, P., 559-61, 571 Hummel, H., 218 Hunt, J. F., 103, 119 Hunt, L., 813 Hunt, S. P., 311, 312 Hunt, T., 731, 736, 741 Hunt, T. P., 425 Hunter, E., 591, 592, 595 Hunter, J. B., 223 Hunter, T., 241, 287, 290, 564, 565 Hunter, W. N., 480, 481, 488, 497 Huott, P. A., 558, 570 Hurley, J. B., 362, 364, 367, 371, 374, 376, 380, 381, 383, 384 Hurwitz, J., 43-46, 50, 51, 516, 524, 525, 527, 541, 542, 544 Husain, Y., 584 Husmann, M., 168

Hussain, M., 104
Hussey, R. E., 581, 584, 620
Hutchinson, F., 485, 499
Hutchinson, K., 802, 804
Hutchison, C. A. III, 484, 593
Hüttenhofer, A., 205, 219
Hwang, E.-S., 780
Hwang, K. H., 249
Hwang, S. T., 116
Hyafil, F., 167
Hyakumachi, M., 57
Hyman, S. E., 312
Hynes, R. O., 173

Iannello, P., 611 Iba, H., 289, 309 Iborra, F., 699, 700, 706 Ibsen, S., 179 Ichihara, S., 104, 112 Ide, T., 298 Idzerda, R. L., 454 Iglesias, J. L., 171 Iglewski, B. H., 729 Ignarro, L. J., 554, 559 Igo, M. M., 426-28, 430, 432, 435 lida, H., 246, 247 lino, T., 103 liri, T., 372 liuchi, S., 428, 434 Ikawa, Y., 389 Ikeda, J. E., 44, 46 Ikeda, T. S., 777, 778, 780, 786 Ikeguchi, M., 814 Ikemura, H., 558 Ikemura, T., 205, 213 Ikeuchi, K. J., 611 Ikonen, E., 271 Ikuta, S., 480, 481 Ikuyama, S., 661 Ilyas, A. A., 167 Imada, T., 243, 248, 249, 557, 558, 566 Imae, Y., 406 Imagawa, M., 588, 839 Imai, M., 231, 232 Imamura, T., 464 Imber, R., 131 Imbra, R. J., 839 Imhof, B. A., 157 Imura, H., 764 Inacker, R., 583, 620 Inagami, T., 236, 240, 242. 243, 248, 249, 556-58, 566, 567 Inanobe, A., 367 Inayama, S., 231 Inciarte, M. R., 48 Ingber, D., 459 Ingebritsen, T. S., 674

Jancarik, J., 359

Jang, S. K., 725, 726

Ingham, C., 405 Ingles, C. J., 690, 692, 693, 695, 698, 699, 703, 704, 706, 709, 711 Inglis, J. D., 660 Inglis, S. C., 748 Ingraham, L., 127, 128 Inman, R. B., 128, 142 Innis, M. A., 104 Inokuchi, H., 646, 647 Inoue, M., 368 Inoue, T., 202 Inoue-Yokosawa, N., 729 Inouye, H., 103 Inouye, M., 103, 104, 118, 331, 332, 426-28, 430, 435, 632, 645, 646, 648, 738 Inouye, S., 103, 738 Insdorf, N. F., 492, 515, 516, 518, 522 Inselburg, J., 698, 699, 704, 705 Insley, M. Y., 678 Inuzuka, C., 232 Inuzuka, H., 160 Iordanescu, S., 646, 647 lozzo, R. V., 447, 452, 453, 459 Ip, Y. T., 306 Irimura, T., 463 Irminger, J. C., 833, 836 Irons, G. P., 672, 673 Irving, S. G., 282, 291, 296, 305, 308 Irwin, D., 93 Isaacs, N. W., 459 Isaka, S., 554 Isales, C. M., 244, 251 Ishido, M., 248, 557, 566 Ishihama, A., 690, 692, 698, 699, 712 Ishihara, A., 405 Ishihara, M., 453, 457, 460, 464 Ishii, K., 559, 560, 571 Ishii, Y., 243 Ishikawa, C., 729 Ishikawa, E., 554 Ishikawa, S., 554 Ishikawa, T., 383, 390 Ishimi, Y., 541, 544 Ishiyama, T., 45 Ishizaki, R., 289 Isobe, T., 264, 265 Isomura, M., 405 Ison, A. L., 452 Israel, Y., 660 Issel, C. J., 615 Isselbacher, K. J., 20, 22 Itakura, K., 103, 480, 481 Ito, H., 103, 558 Ito, J., 47-52, 55, 57, 528

Ito, K., 104, 105, 107-9, 113, 119, 331, 335 Ito, M., 838 Ito, Y., 453, 579 Itoh, G., 534 ITOH, H., 349-400; 233, 234. 362, 363, 366-68, 371-73, 375-77, 379, 569, 679 ITOH. T., 631-52; 638, 642. 645, 646 Itovitch, J., 604 Iuchi, S., 428, 434 Ivanoff, L., 599 Ivens, K., 558 Iverius, P.-H., 448 Iwaki, K., 240, 241 Iwasaki, H., 500, 501 Iyengar, R., 352, 679 Izumo, S., 235, 237, 240

Jaakola, P., 453, 457 Jablonski, J., 454 Jackman, H. L., 271 Jackman, R. W., 457 Jacks, T., 593, 748 Jackson, C. E., 264, 265 Jackson, R. J., 726, 741, 745, 749, 854 Jackson, R. L., 444, 459, 460 Jackson, T. R., 661, 681 Jackson-Grusby, L., 282, 290, 291 Jacob, F., 167 Jacob, W. F., 197, 220 Jacobovits, A., 604 Jacobovits, E. B., 604 Jacobs, E., 592 Jacobs, J. R., 157, 174 Jacobs-Lorena, M., 832 Jacobson, A. B., 633, 745, 855 Jacobsson, I., 465 Jacobsson, K.-G., 466, 467 Jacq, A., 104, 109, 117 Jacquet, M., 392 Jacquinet, J.-C., 459, 460

Jaeger, J. A., 633 Jaegle, M., 61 Jaenicke, R., 321, 324-27, 332, 337 Jaffe, S. H., 163, 164 Jagus, R., 732 Jahng, K.-Y., 377, 380, 382, 677 Jaikaria, N. S., 459 Jaiswal, R. K., 248, 249, 558 Jakes, K., 197, 214

Jakes, S., 674 Jakobs, K. H., 372 Jakobsen, K. B., 463 Jalinoos, Y., 600 57, 462 Jalkanen, S., 444, 451, 454, 456 Jalouzot, R., 830 James, D. E., 765, 766, 769 Jameson, B. A., 584, 601 Jameson, J. L., 289 Jamieson, G. A., 292, 305, 308 Jamieson, G. A. Jr., 304 Jamieson, J. D., 231

Jalkanen, M., 444, 451, 453-

Jansen, A. E. M., 828, 829, 846 Jansen, K., 309-11 Janson, L., 837 Janssens, G. M. C., 728, 744 Janssens, P. M. W., 384 Janssen-Timmen, U., 291, 292,

Jansz, H. S., 44 Jantzen, H.-M., 690 Januszewicz, A., 231 Jaramillo, M., 739 Jarcho, J. A., 236-39 Jarrett, R. F., 596, 608, 609 Jaskolski, M., 591 Jaskunas, S. R., 633 Jay, G., 613 Jean, R., 57 Jeang, K.-T., 296, 539, 604-6 Jeanteur, P., 301 Jefcoate, C. R., 93 Jeffrey, G. A., 770 Jelsema, C. L., 381, 657 Jendrisak, J. J., 691

Jenkins, A. J., 331, 335, 338 Jenkins, N. A., 393 Jenness, D. D., 382, 677, 678 Jeno, P., 740 Jensen, P. D., 647 Jeroszko, J., 807, 814 Jess, W., 698, 706 Jessel, T. M., 156, 157, 159, 163, 170, 660, 661, 681 Jhon, J., 389 Jhurani, P., 217

Jiang, B., 567 Jiang, J., 428 Jiang, S.-Q., 428 Jiménez, F., 48 Jimenez, M. A., 819 Jin, S., 428, 430, 433, 435 Jindal, S., 331 Jiricny, J., 492, 545 Joachimiak, A., 137

Johansen, J. T., 29 Johansson, S., 452, 453, 457, 459, 462, 464

John, J., 356, 359 Johnson, A. D., 300 Johnson, A. L., 536, 841 Johnson, F., 484, 486 Johnson, G., 133, 135, 138, 139 Johnson, G. L., 373, 375, 382, 673 Johnson, J. A., 672 Johnson, J. C., 464 Johnson, J. P., 157, 181 Johnson, K., 117 Johnson, K. A., 480, 487, 489, 490 Johnson, L., 231, 232, 832, 854, 855 Johnson, L. F., 830, 850 Johnson, L. K., 557, 566 Johnson, L. M., 514, 515, 540 Johnson, M. S., 380 Johnson, P. F., 134, 235, 237, 288, 690 Johnson, P. R., 618 Johnson, P. W., 163 Johnson, R. A., 119 Johnson, R. L., 661 Johnson, T. L., 452 Johnson, V. A., 581, 620 Johnson, W. J., 74 Johnston, G. C., 844 Johnston, L. H., 536, 841, 843 Joho, R., 660 Jokerst, R. S., 695, 698, 699, 703, 704, 710 Jolles, J., 89 Jollés, P., 454 Jonák, J., 214 Jones, C. J., 405 Jones, D. S., 749 Jones, D. T., 362, 363, 366, 371 Jones, E. P., 528 Jones, F. S., 166, 171-73 Jones, J. D., 84, 87 Jones, J. J., 273 Jones, K. A., 44, 587-89, 661 Jones, S. D., 304 Jones, S. W., 232 Jones, T. L. Z., 374, 375 Jongstra, J., 296 Jonsson, L. M. V., 259, 263 Jonsson, L. V. M., 263 Joost, H. G., 765 Jordan, B. R., 165 Jordan, E., 25 Jordan, F., 331, 332 Jordan, J. E., 555 Jorgensen, J., 296 Jörnvall, H., 459 Jorpes, E. J., 448 Jorvie, K. R., 660 Joseph, L. J., 292, 305, 308 Josephs, S. F., 587-89, 595, 596, 601, 602, 611, 617 Joshi-Barve, S., 739

Jothy, S., 157, 163, 181 Joung, K., 596 Jourdian, G. W., 450 Joyce, C. M., 482, 486, 495, 496, 532 Judd, A. K., 558 Julienne, M., 77 Julius, D., 660, 681 Julkunen, I., 453 June, C. H., 282, 305 Jung, C. Y., 762, 763, 774 Jung, E. K. Y., 762 Jung, G., 50, 55, 57, 528 Jung, M., 634 Jungalwala, F. B., 89, 167 Jungblut, A., 171 Jurgensen, C. H., 169 Jurnak, F., 356, 359-61 Jurwitz, J., 525, 526, 541 Justement, J., 586 K

Kaback, D. B., 828, 841 Kaback, H. R., 764 Kaback, M. M., 258, 260, 263, 266, 267 Kabat, E. A., 457 Kabsch, W., 356, 359-61 Kaczmarek, L., 298, 299, 535 Kader, J. C., 75, 77, 78, 80 Kadesch, T. R., 692 Kadmon, G., 163 Kadner, R. J., 428 Kado, C. I., 428, 430 Kadonaga, J. T., 44, 587 Kaempfer, R., 725 Kaesberg, P., 61 Kaesberg, P. R., 459, 464 Kaestner, K. H., 765, 766 Kaguni, L. S., 493, 514-16 Kahan, L., 195, 203 Kahlenberg, A., 771, 772 Kahlert, M., 666 Kahn, A., 268 Kahn, B. B., 766, 767 Kahn, R., 374 Kaibuchi, K., 376, 377, 379, 383 Kaida, T., 240 Kaiser, A. D., 127, 128, 130, 132, 133, 142-44, 147, 148 Kaiser, C. A., 105 Kaiser, D., 127, 131, 146, 147 Kaiser, E. T., 103, 104 Kaiser, P. K., 582 Kajiji, S., 450 Kajiwara, S., 57 Kakefuda, T., 331, 335 Kalb, R. G., 452, 462 KALCKAR, H. M., 1-37; 6, 12-14, 16-22, 24, 25, 27, 29, 31, 32, 35

Kalekine, M., 392 Kallenbach, N. R., 813 Kalman, V. K., 376 Kalnik, M. W., 481 Kalousek, F., 119, 331, 340 Kalsbeek, R., 76, 85, 88 Kalyanaraman, V., 579 Kalyanaraman, V. S., 579, 593 Kamada, M., 45 Kamarck, M. E., 181 Kamata, T., 388 Kambayashi, Y., 234 Kamen, R., 303 Kamholz, J., 362, 371 Kaminchik, J., 597 Kamine, J., 611 Kaminski, A., 726 Kamisaki, Y., 248, 557, 558, 571 Kamp, H. H., 76, 77, 80, 83, 85 Kämper, J., 41, 57 Kamps, M., 288 Kan, L.-S., 480, 481 Kan, N. C., 597, 599 Kanaho, Y., 679 Kanazawa, Y., 765 Kandel, E., 177 Kandel, E. R., 312, 313 Kandutsch, A. A., 75 Kane, C. M., 700 Kane, M., 829, 841, 843 Kanei-Ishii, C., 289 Kang, L.-L., 248, 557 Kang, P-J., 331, 341, 342 Kangawa, K., 231-34, 236, 556, 557, 569 Kanki, P., 597 Kao, S.-Y., 604, 606 Kapfhammer, J. P., 173 Kaplan, A., 258, 264, 265 Kaplan, B. E., 480, 481, 484, 486, 498 Kaplan, D. R., 304, 389 Kaplan, L. M., 44 Kaplan, M. H., 581, 582 Kaplan, M. R., 74, 580 Kaplan, N., 410, 412, 420, 429, 431, 434, 435 Kaplan, S., 77, 78 Kaplansky, D. A., 742 Kappes, J. C., 601 Kaptain, S., 747 Karacostas, V., 620 Karagogeos, D., 157, 159, 163 Karakostas, V., 592 Karam, J. D., 50, 484, 491, 528 Karawya, E. M., 530 Karin, M., 288, 289, 303, 308, 588 Karjalainen, K., 620 Karlsson, A., 615

Karlsson, S., 274 Karnelli, E., 765, 769 Karnik, S. S., 670 Karnitz, L., 588 Karnovsky, M. J., 459, 464 Karp, R. W., 828 Karpel, R. L., 530 Karplus, S., 810 Kaspar, R. L., 739 Kasper, A. M., 85, 86, 88 Kasuga, M., 765 Kasurinen, J., 82 Katada, T., 362, 366, 376, 379, 381, 658 Kataoka, M., 812 Kataoka, T., 391, 562, 563 Katayama, M., 428, 432 Katayose, Y., 57 Kato, A., 646, 647 Kato, K., 366 Kato, M., 427, 431, 435, 453, 458 Kato, S., 457 Kato, T., 499, 501 Katoh, I., 748 Katoh, Y., 240 Katsube, N., 244 Katsura, I., 130, 131, 143 Katz, J., 216, 217, 219 Katz, R. A., 589, 610 Kaufman, E. W., 813, 816 Kaufman, K. D., 661 Kaufman, R. J., 720, 724-27, 729, 742 Kaufman, S. E., 305, 308 Kaufman, T. C., 157, 176 Kaveri, S. V., 660 Kawahara, R. S., 296 Kawahara, Y., 362, 366, 371 Kawakami, A., 164 Kawakami, K., 838 Kawakami, M., 569 Kawakita, M., 386 Kawamoto, T., 428, 430, 435 Kawamura, F., 47 Kawasaki, H., 366 Kawasami, K., 588 Kawata, E. E., 745 Kawata, M., 389, 429 Kay, A., 60 Kay, C. M., 720 Kayano, T., 758, 763-66, 769, 778 KAZIRO, Y., 349-400; 350, 354, 355, 359, 361-63, 366-68, 371, 372, 376, 377, 379, 382, 385-87, 390, 393, 394, 679, 729 Kaziro, Y. U., 677 Kazlauskas, A., 389 Keane, M. G., 420, 435 Keasling, J. D., 645

Karlsson, K., 459

Kebabian, J., 660 Kedar, P., 530 Kedar, P. S., 539 Kedes, L., 299, 828 Kedes, L. H., 828 Keegstra, K., 113, 331, 338 Keegstra, W., 44 Keeler, C. L., 132-35 Keen, C. L., 57 Keener, J., 423-26, 428, 430, 431, 434, 435 Keeney, S., 545 Kehry, M. R., 420 Keilhauer, G., 167 Keim, P. S., 296 Keleher, C. A., 300 Kelleher, D. J., 673 Kelleher, K., 720, 724 Kelleher, R. J., 690 Keller, G. A., 90 Keller, R., 448, 450 Keller, W., 831, 847 Kellis, J. T. Jr., 810 Kells, D. T. C., 61 Kelly, J., 586 Kelly, K., 282, 287, 291, 296, 305, 308 Kelly, P. G., 167 Kelly, R. B., 237 Kelly, R. L., 704 Kelly, T. J., 41, 44, 45, 492, 493, 514, 524, 525, 540, 838 Kelly, T. J. Jr., 42-45, 47 Kelsell, D., 166 Kelvin-Miller, J., 732 Kemble, R. J., 57 Kemler, R., 164-66 Kemp, S. D., 50, 528, 532 Kemper, W. M., 727 Kempers-Veenstra, A. E., 828, 829, 846 Kempken, F., 41, 50, 57-59 Kempner, E. S., 782, 786 Kendall, D. A., 103, 104 Kendall, S., 451, 453 Kennard, O., 480, 481, 488, 490, 497 Kennedy, B. P., 232, 242 Kennedy, D. W., 459 Kennedy, E. P., 74, 91 Kennedy, M. S., 581 Kennedy, T. E., 667 Kenney, S. C., 611 Kenny, M., 46 Kenny, M. K., 46, 50, 51, 524, 525 Kent, S. B., 601 Kenyon, C. J., 499 Keppel, F., 126 Ke-Qiang, M., 61 Keranen, S., 709 Kerlavage, A. R., 660

Kern, S. E., 157, 181 Kerr, I. M., 282 Kerr, L. D., 307 Kersulis, G., 406, 421 Kessel, M., 182 Kessler, M., 784 Keutzer, J. C., 298 Kew, O. M., 62, 63 Keynes, R. J., 173 Keyser, K., 459 Khalili, K., 595 Khan, M. Y., 459 Khan, N. N., 50, 517 Khan, Z. U., 91 Kharroubi, A., 75, 80, 92, 93 Kharroubi, A. T., 90 Khidhir, M. A., 499, 502, 505 Khorana, H. G., 82, 362, 371, 381, 669, 670 Khudyakov, Y. E., 60 Khurana, T. S., 660 Khurseed, B., 331, 343 Kibbelaar, R. E., 180 Kidd, V., 362, 365 Kidder, G. M., 165 Kiefer, H., 620 Kiefer, M. C., 457 Kiehn, R., 61, 63 Kielian, M., 584, 585 Kieny, M. P., 597, 599 Kierzek, R., 633 Kiff, J. E., 177 Kihara, M., 405 Kijomota, S., 31 Kikuchi, A., 389 Kikuchi, Y., 57, 58, 528 Kilpatrick, B. F., 672 Kim, B., 590 Kim, C. G., 836 Kim, C. I., 49, 50 Kim, H., 480, 481 Kim, H. H., 765 Kim, K., 646 Kim, P. S., 797, 800, 816, 819 Kim, S., 139, 362, 366, 371 Kim, S.-H., 203, 375, 376 Kim, S. Y., 608, 611, 829, 841, 843 Kim, W-Y., 691, 699, 706, 709, 710 Kimata, K., 452, 453, 458, 459, 461 Kimbro, K. S., 545 Kimelman, D., 648 Kimmel, A. R., 384, 661 Kimura, H., 554, 556 Kimura, J. H., 444, 464 Kimura, S., 243, 661 Kimura, T., 93, 452, 455 Kimura, Y., 295 Kinashi, H., 57 Kinchington, D., 620 Kindle, C., 454

King, A. M. Q., 61, 63 King, C. M., 484, 486 King, J., 130, 131, 147, 344 King, K., 656, 658, 679, 680 King, N. L. R., 808 King, R. M., 283 King, T. C., 291, 304 King, W., 179 Kingsman, A. J., 593 Kingsman, S. M., 593 Kinsella, M. G., 452, 453 Kinter, A., 586 Kintner, C. R., 169, 174 Kinzy, T. G., 723 Kiraoka, Y., 814 Kirchgessner, T. G., 459 Kirchhoff, F., 167 Kirkman, H. N., 23 Kirschner, M. W., 648 Kisch, B., 231, 242 Kishida, Y., 600 Kishimoto, Y., 263, 269, 270 Kispert, J., 660 Kiss, I., 456 Kistler, H. C., 57 Kistler, J., 147 Kitada, K., 57, 58 Kitajima, Y., 569 Kitamura, N., 61, 62 Kitani, H., 535, 536 Kitayama, H., 389 Kitchen, A. M., 301, 302 Kittle, J. D., 647, 648 Kiyomasu, T., 600 Kjeldgaard, N. O., 16 KJELLÉN, L., 443-75; 452-55, 457, 459, 464, 466 Klagsbrun, M., 459 Klambt, C., 177 Klatzmann, D., 580, 601 Klausner, R. D., 592, 594, 747 Klavins, M. H., 262, 264, 265, 271 Kleckner, N., 645-48 Klee, W. A., 817, 819 Kleene, S. J., 421 Klein, A., 698, 699 Klein, B., 131 Klein, D. J., 453 Klein, H., 44 Klein, H. L., 531 Klein, K. A., 232, 236 Klein, M. G., 462 Klein, P., 384 Klein, P. S., 661 Klein, W. H., 832 Kleinert, H. D., 231 Klein-Hitpass, L., 331, 343 Kleinman, H. K., 457 Klenk, H.-P., 704 Klenow, H., 16 Klepser, H., 466 Kletzien, R., 295

Klibanov, A. M., 797, 807 Klier, A., 429, 431 Kliewer, S., 611 Klima, H., 268 Klimkait, T., 585, 600, 601 Kline, C., 527 Klinedinst, D. K., 485 Klinger, M. M., 453 Klip, A., 782 Klisak, J., 560 Klock, I. B., 367 Kloosterman, A. D., 76, 77, 80 Klootwijk, J., 195 Kloss, S., 781 Klotman, M. D., 608, 609 Klug, A., 324 Kneale, G., 480, 481, 488, 497 Knight, D. M., 610 Knight, G. B., 836 Knill-Jones, J. W., 480, 482, 492, 504 Knipe, D. M., 611 Knippers, R., 516, 535, 540 Knopf, C. W., 50 Knopf, K.-W., 515 Knowles, D. M. II, 613 Knowles, J. R., 118, 119 Knowles, R. G., 559 Knowlton, K. U., 235, 237, 241 Knudsen, K., 157 Ko, M., 359 Kobayashi, H., 50, 265 Kobayashi, I., 133, 135, 138, 149, 367 Kobayashi, K., 451, 452 Kobayashi, M., 451, 452 Kobayashi, T., 274 Kobilka, B. K., 380, 656, 658, 660, 665, 667, 672-74, 679 Kobilka, T. S., 656, 658, 660, 665, 667, 674 Kobs, G., 851, 852 Koch, B. D., 115, 331, 342, 796 Koch, G., 749 Koch, M. A., 591 Koch, P. J., 178 Kochan, J., 331, 335 Kock, J., 695, 698, 706 Koda, J., 453 Koda, J. E., 459 Kodama, K., 60 Koenig, B., 374 Koenig, I., 61 Koenig, S., 581, 582 Koepsell, H., 778, 780, 786 Koerner, T., 455 Koesling, D., 559-61, 571 Koff, W., 619 Kofoid, E. C., 415, 432 Kohl, N. E., 591 Kohler, H., 104

Kohler, M., 661 Kohn, D. B., 274 Kohno, K., 457, 721, 729 Kohse, K. P., 567 Koike, Y., 453 Koiwai, O., 516 Koji, T., 523 Kojima, M., 233, 234, 557 Kokenyesi, R., 452 Kokkinidis, M., 635, 644 Koliakos, G. G., 459 Kolocheva, T., 698 Kolodner, R. D., 525 Kolodny, E. H., 258, 260, 267-70, 272 Kolodziej, P. A., 691, 693, 699, 706, 712 Kolset, S. O., 454, 462 Kolvenbach, C. G., 459 Komachi, K., 678 Komuro, I., 235, 240 Konarska, M. M., 649 Kondo, J., 389 Kong, L. I., 584 Konieczny, A., 723 Konig, B., 666 Konig, H., 302, 516 Konigsberg, W. H., 51, 295 Konisky, J., 205, 213 Kono, T., 765 Konopka, A., 597 Konopka, J. B., 678 Konrad, K., 581 Konuma, Y., 289 Koonin, E. V., 63 Kop, J., 196 Kopka, M. L., 480, 481 Köpke, A. K. E., 196 Koppler, J., 269, 270, 272 Korfhagen, T. R., 264, 265 Korn, D., 515-18, 520, 527, 528, 531, 534, 535, 537, 540, 545 Korn, K., 780, 786 Kornberg, A., 40, 352, 484, 491, 493-95, 521, 522 Kornberg, R. D., 326, 690, 691, 693, 700-3, 712, 796, 854 Kornblum, J., 646, 647 Korneluk, R. G., 264, 265, 271 Korneyeva, N. L., 736 Kornfeld, S., 258, 259, 262, 264, 265 Kornfeld, S. J., 579 Kornhauser, J. M., 312 Kornreich, R., 264, 265, 270 Kort, E. N., 403, 420 Kortner, C., 698, 699 Kosek, J. C., 592, 595 Kosher, R. A., 452, 457 Koshland, D., 103-5

Koshland, D. E. Jr., 403-8, 410, 412, 415-18, 421, 422, 429, 435 Koski, R. A., 291, 304 Kossmann, M., 408 Kostura, M., 523, 540 Kosturko, L. D., 130, 131, 135, 140, 141 Kosugi, S., 661 Kotler, M., 610 Kotliar, N., 765 Koukolikova-Nicola, Z., 56 Kouzardies, T., 528, 532 Kouzi-Koliakos, K., 459 Kovacs, W. J., 556 Kovalszky, I., 447, 453 Kowalski, M., 581, 583, 620 Kowalski, S. P., 516 Kowitz, A., 163 Koyama, T., 462 Koyanagi, Y., 615 Kozak, C. A., 527, 661 Kozak, M., 603, 724, 725, 729 Kozaki, G., 181 Kozarsky, K., 594 KOZASA, T., 349-400; 359, 362, 363, 366, 367, 371, 372, 379, 394, 679 Kozlowski, S. A., 480, 481 Kozma, S. C., 739, 740 Kozu, T., 516 Kraal, B., 352 Kraemer, K. H., 485 Kraemer, S. A., 297 Kraft, E. L., 450 Krall, J. A., 728 Kramarov, V. M., 199 Kramer, A., 831, 847, 849 Kramer, G., 195, 649 Kramer, J. C., 724 Kramer, S. M., 580 Kramer, T. J., 415, 416 Kramps, S., 118 Krans, H. M., 655 Krantz, D. E., 157, 163, 176 Krause, E., 115 Krause, J. E., 236, 240, 661 Krause, W. J., 558 Krauss, G., 516, 519, 520 Krauss, S. W., 500 Kraut, J., 559, 810 Krebs, K. E., 164 Kreibich, G., 264, 265 Kreil, G., 103, 104, 110, 111, 118 Krengel, U., 356, 359-61 Krentler, C., 259, 264 Kresse, H., 452, 456, 457 Kretovitch, W. L., 331, 335 Kretschmer, A., 165 Kretz, K. A., 263, 265, 270, 271 Krevolin, M. D., 44

Kreysing, J., 264, 265, 270 Krieg, P. A., 831, 847 Krikos, A., 405, 406 Krinke, L., 646, 647 Kris, R. M., 300 Krisans, S. K., 90 Kristie, T. M., 838 Krivit, W., 273 Krockel, L., 698, 699 Kroeger, P., 829, 832, 833, 840 Krol, A., 199, 837 Krömer, W., 196 Kronman, M. J., 807, 814 Kroos, M. A., 264, 265 Kropf, A., 657 Krueger, N. X., 157, 168 Kruger, W., 709, 711 Kruijer, W., 44, 287, 290 Krupinski, J., 562, 563, 568 Krupka, R. M., 773, 774 Kruse, J., 167, 171 Krusius, T., 452, 455, 457 Krzyzosiak, W., 217 Kuang, W.-J., 157, 168, 559, 564, 566, 568 Kubalek, E., 702 Kubalek, E. W., 703 Kubisz, P., 331, 333 Kubitz, M., 268, 269 Kublin, C., 453 Kubo, T., 660, 665 Kuboki, Y., 452 Kubota, H., 558 Kuby, S. A., 819 Kuchino, Y., 749 Kuchta, R. D., 480, 487, 489, 490, 493 Kudo, S., 403 Kuechler, E., 199, 200, 206 Kuenzle, C. C., 492, 515 Kuettner, K. E., 464 Kuhl, W., 274 Kuhn, A., 103, 104, 110, 111, 118 Kuhn, C., 60 Kühn, D., 163 Kuhn, H., 374, 655, 658, 671, 673 Kuhn, K., 171 Kuhn, R. J., 62 Kujubu, D. A., 291, 293, 297, 298, 304, 305, 308-10 Kumada, T., 454, 457 Kumagai, A., 379, 384 Kumamoto, C. A., 103-5, 107, 118, 120 Kumar, A., 530, 606 Kumar, P., 515, 516 Kumer, C. C., 646 Kundu, M., 76, 77 Künemund, V., 167, 174 Kung, H.-F., 362, 388, 391

Kunkel, M. W., 672 Kunkel, T. A., 481, 482, 484-86, 489, 492, 515, 517, 519, 521, 522, 544, 594, 616 Kuno, M., 660 Kuno, T., 248, 557, 558, 560, 571 Kunst. F., 429, 431 Kuntzel, H., 392 Kunz, U., 780 Kuo, S. C., 416 Kupersztoch, Y. M., 110 Kupiec, M., 841 Kuppuswamy, M., 597 Kurabayashi, M., 235, 240 Kurachi, K., 459 Kurachi, Y., 381 Kurahashi, K., 24, 25 Kurjan, J., 380, 382, 677, 678 Kurland, C. G., 194 Kuroishi, T., 579 Kurose, H., 567, 679 Kurtz, A., 250, 251 Kurzchalia, T. V., 116 Kusakabe, M., 535, 536 Kusche, M., 447, 448, 466 Kushner, J. A., 660 Kusmierek, J. T., 484, 486, 491 Kustu, S., 423-26, 428, 430, 431, 434, 435 Kusukawa, N., 107, 331, 335 Kusumoto, H., 454, 457 Kuwabara, M., 606 Kuwajima, K., 800, 807, 813-16 Kuypers, F. A., 87 Kuzmin, E. V., 50, 59 Kwack, S., 495, 496 Kwakman, J., 57 Kwatra, M. M., 674 Kwok, S., 614, 615 Kwon, H., 268 Kwong, A. D., 525, 541 Kwon-Shin, O., 517 Kyle, J. W., 264, 265, 274 Kypr, J., 130, 134 Kyte, J., 658 Kytzia, H. J., 267

1.

LaBadie, G., 271 Labeit, S., 177 La Bella, F., 829, 832, 834, 835, 837, 838, 846 Labuda, D., 633, 634 Lacale, J. C., 386, 389 Lacatena, R. M., 638, 643 Lackey, D., 500 LaCorbiere, M., 458 LaCour, T. F. M., 356, 359 Lacroute, F., 700 Ladant, D., 563 Ladenson, P. W., 236 Ladne, P. A., 621 Ladner, M., 388 Laffler, T. G., 830, 832 Lai, C., 165 Lai, W. S., 293 Laidler, P., 259 Lain, S., 61 Laird, W. J., 554, 558 Lake, B. D., 179 Lake, J. A., 203 Lalaguna, F., 459 Lalley, P. A., 454 Lally, C., 45 Laloade, M., 57 Lalor, P., 453, 462 Lam, T. Y., 176 LaMarca, M. E., 268 Lamb, N. J. C., 301, 306, 312 Lambert, D. M., 620 Laminet, A. A., 105, 328, 331, 337 Lamkin, G. E., 169 Lamonica, C. A., 586, 587 Lampert, P. W., 582 Lamph, W. W., 288, 303 Lanahan, A., 289, 295 Landau, N. R., 584 Lander, A. S., 452, 453, 457 Landis, C. A., 361, 369, 372, 373, 681 Landis, J. A., 580 Landschulz, W. H., 134, 288 Landy, A., 139, 142 Lane, D., 454, 462 Lane, D. A., 459 Lane, D. P., 526, 541, 542, 544 Lane, H. C., 582 Lane, T. A., 169 Lane, W. S., 693, 695, 701, 704 Lang, R. E., 232, 245, 246 Lange, E., 296 Lange, H., 44 Langer, R., 463 Langley, K., 180 Langlois, A. J., 582, 617 Lanz, R. B., 157 Lapetina, E. Y., 679 Lapidot, Y., 200 Lapidus, I. R., 403 LaPointe, M. C., 237, 239, 240 Lappe, R. W., 250 Lara, S., 453 Larder, B. A., 50, 528, 532, 619 Lark, M. W., 453 Larkins, B. A., 745 Larm, O., 461 LaRosa, G. J., 282, 617, 619

LaRossa, R. A., 331, 336, 343 Larrondo-Lillo, M., 458 Larsen, B. S., 79 Larsen, G. R., 61, 62 Larsen, S. H., 403, 420 Larsson, L., 613 Larsson, T., 452 Lasar, A. B., 241 Lashgari, M., 608 Lasken, R. S., 484, 498 Laskey, R. A., 329, 330, 333 Lasko, P. F., 724 Laskov, R., 306 Lasky, L. A., 583, 593, 594 Laspia, M. F., 606 La Teana, A., 211 Latham, J. A., 202 Latham, T., 268, 269, 272 Lathigra, R., 331, 334, 343 Lattke, H., 701 Lau, A. L., 445, 461 Lau, L. F., 282, 289-95, 297, 298, 303, 305, 306, 308, 310, 839 Lau, M. M. H., 262, 263, 267 Laurents, D. V., 810 Lautenberger, J. A., 597 Laval, J., 484, 486, 489 Lavergne, J.-P., 744 Laverty, M., 55 Laverty, T., 661 Lavigne, J. P., 236 Lavu, S., 362 Lawn, R. M., 459, 833 Lawrence, C. B., 527, 528 Lawrence, C. W., 498, 499 Lawson, C. L., 137 Lawson, T. G., 724, 731 Laybourn, P. J., 706, 711 Lazaris-Karatzas, A., 739 Lázaro, J. M., 48-53, 55, 493, 532 Lazarovici, P., 300 Lazarow, P. B., 113 Lazdunski, A., 428 Lazdunski, C., 112, 119 Lazrek, M. B. S., 168 Lazure, C., 231, 232, 234, 236, 242, 243, 249 Lazzarino, D. A., 259 Le, S.-Y., 597, 608, 610 Leader, D. P., 744 Leader, W. M., 666 Leadley, R. J., 244, 249 Lear, J. D., 119 Learned, R. M., 690 Leavitt, M. C., 47, 49-51, 55, 57, 528 LeBaron, R. G., 459, 464 LeBeau, M. M., 292, 303, 305, 308 Lebert, M., 423 Lebkowski, J. S., 485

LeBowitz, J. H., 838 Lechner, R. L., 43, 47 Lecker, S., 104, 105, 107, 110, 115, 118, 326, 327, 331, 332, 336, 339 LeClerc, J. E., 498, 499 Lecocq, J.-P., 597, 599 Ledbetter, S. R., 453, 455, 457 Ledebur, H., 428, 435 Leder, I. G., 459 Leder, P., 241, 282, 287, 288 Lederman, H. M., 613 Lederman, I., 459 Ledsome, J. R., 244 Lee, A. S., 829, 830, 832, 833, 835, 838, 839 Lee, C. A., 120 Lee, C. C., 721 Lee, D. C., 762, 768 Lee, H-S., 778, 779 Lee, J. C., 808 Lee, J. M., 699, 704, 706, 710 Lee, J. S., 709, 711 Lee, J. Y., 218, 647 Lee, K. A., 724, 731 Lee, L., 406 Lee, M. R., 582 Lee, M. Y. W. T., 515, 523 Lee, R. T., 235 Lee, S.-H., 524-26, 541, 601 Lee, S.-J., 595 Lee, T. H., 597, 599 Lee, T.-Y., 419, 428 Lee, W., 288, 839 Lee, Y. F., 61 Leeb-Lundberg, L. M., 657 Leed, A. R., 808 Leegwater, P. A. J., 44, 46 LeFevre, P. G., 771, 772 Leffers, H., 214, 704 LEFKOWITZ, R. J., 653-88; 654-58, 660, 665-68, 670-73, 675, 680, 681 Lefort, A., 661 Legler, G., 269 LeGrice, S. F. J., 593 Lehman, I. R., 484, 493, 500, 514, 516-19, 523 Lehmann, J. M., 157, 181 Lehner, C. F., 331, 333 Lehnhardt, S., 104 Lehtonen, E., 462 Leis, J., 591 Leitman, D. C., 248, 557, 558 Lemaire, P., 291, 292, 304 Lemansky, P., 263 Lemaresquier, H., 78 Lemay, G., 745 Lemke, G., 157, 159 Lemons, R. S., 388 Lenardo, M. J., 588 Lengeler, J. W., 403, 405, 422 Lengyel, J. A., 828

Lennartz, L., 450 Lennox, C. R., 331, 338 Lenny, A. B., 484, 491 Lenstra, J. A., 83, 86 Lentes, K. U., 660 Leo, A., 141 Leon, P., 57, 59 Leonard, E. J., 296 Leonard, G. A., 480, 481 Leonard, R., 586 Leonard, W. J., 296 Leong, P.-M., 482 Leong, S. A., 57 LePennec, J. P., 833 Le Peuch, C., 597 Leppäluoto, J., 237, 245, 247 Lerea, C. L., 367 Lerman, M. I., 296 Lerner, R. A., 819 Lerosey, I., 389 Leroy, P., 307, 724 Lesca, C., 504 Lester, H. A., 677 Letcher, R., 393 Le Trong, H., 459 Leu, C.-T., 591 Leung, A., 262, 267 Leunissen, J., 90 Leusch, M., 48 Leutzinger, Y., 167 Levchenko, I. V., 50, 59 Lever, A., 590 Lever, J. E., 780 Levi, B.-Z., 300 Levi, G., 168-70, 174, 175, 177 Levin, D., 62 Levin, D. H., 742 Levin, J. R., 698, 706 Levin, L., 392 Levina, N. B., 362 Levine, A. J., 44 Levine, B. J., 850, 851 Levine, M. D., 633, 634, 637 Levine, R. A., 459 Levings, C. S. III, 57, 59, 528 Levinson, A. D., 382 Levitzki, A., 392 Levran, O., 265 Levy, D. B., 283, 291, 297 Levy, J. A., 580, 611, 615 Lewandowska, K., 452, 459 Lewicki, J. A., 232, 235, 236, 240 Lewin, B., 690 Lewis, J. B., 43 Lewis, L., 770 Lewis, M., 248, 249, 559, 566, 568, 569 Lewis, M. K., 690, 692, 701 Li, C., 544 Li, J., 41, 45 Li, J. J., 523, 524

Li, M., 209 Li, P., 45, 105, 107 Li, W.-B., 698, 699, 704, 705 Li, X. L., 581 Li, X. Y., 271, 523 Li, Y., 614, 618 Li, Z.-G., 428 Lian, J. B., 833, 840, 846 Liao, C. F., 660 Liao, S.-M., 646, 647, 691, 693, 699, 706 Liao, Y.-C., 362 Liau, G., 288 Liberato, D. J., 727 Libert, F., 661 Libertini, L. J., 817 Lichtler, A., 828, 829 Lichy, J. H., 43, 44, 46 Lickfeld, K. G., 143 Lidström-Olsson, B., 92 Lieberman, M. A., 459, 592, 595 Lieberman, M. W., 545 Liedtke, C. M., 784 Lien, J. M., 60 Lien, K., 180 Lienhard, G. E., 761, 765, 773, 774 Lifson, J., 581, 587 Lifson, J. D., 581, 585 Lifton, R. P., 828 Liggett, S. B., 673 Light, J., 646 Lightfoote, M. M., 593 Lihrman, I., 237, 239, 240 Lilias, A., 83 Lill, R., 103-5, 107-9, 113, 115, 119, 326, 327, 331, 332, 336, 339 Lillehoj, E. P., 590, 593 Lilley, D. M. J., 519 Lillhager, P., 454, 455, 466 Lim, C. N., 76, 79, 86, 94 Lim, J., 267 Lim, R. W., 282, 290-94, 297, 298, 304, 305, 308-10 Lim, T. W., 258, 273 Limbird, L. E., 655, 657, 660 Lin, B. K., 393 Lin, E. C. C., 428, 434 Lin, H., 679 Lin, J.-J., 747 Lin, S., 168 Lin, Y.-S., 312 Lin-Chao, S., 645 Lind, B., 615 Lindahl, L., 744 Lindahl, T., 498 LINDAHL, U., 443-75; 444-48, 453-55, 459, 461-64, 466, 467 Lindblom, A., 453 Lindblom, K., 452

Linden, J., 245 Lindenbaum, J. O., 44 Linder, M. E., 374, 375 Linder, P., 724 Lindner, A. J., 521 Lindquist, S., 331, 343, 737 Lineberger, D. W., 178 Ling, N., 288, 459 Lingappa, V. R., 113, 115, 331, 332 Linhardt, R. J., 461, 463 Linke, R. P., 269 Linn, S., 492, 500, 515, 517, 521, 522, 540, 545 Linnane, A. W., 77 Linné, T., 44 Linnemann, D., 160, 165 Linzmeier, R., 417 Lipes, M. A., 296 Lipfert, L., 658 Lipinski, M., 180 Lipkin, V. M., 699 Lippé, R., 47 Lipton, A., 127 Lipton, R., 554 Lipton, S. A., 582 Liss, L. R., 105, 118 Lissin, N. M., 107, 326, 331, 332, 341 Lisziewicz, J., 392 Litman, B. J., 673 Little, J. W., 500-2 Little, L. E., 262 Littman, D. R., 157, 584 Liu, B., 558, 560 Liu, D., 359 Liu, F., 289 Liu, G., 104, 105, 107 Liu, J., 412, 415, 416 Liu, L., 620 Liu, N., 530 Liu, T., 374 Liu, T.-J., 850 Liu, T.-Y., 374 Liu, W., 558, 570 Liu, Y., 739 Livak, K. J., 593 Livelli, T. J., 660, 681 Livneh, Z., 499, 504 Ljubimov, A. V., 453 Lobe, C. G., 283 Lobel, P., 259 Lobner-Olesen, A., 646, 647 Locatell, K. L., 286 Lochrie, M. A., 362, 371 Lodish, H., 115, 246 Lodish, H. F., 263, 732, 762, 764, 765, 768 Loeb, D. D., 593 Loeb, L. A., 480-82, 484-86, 489, 492, 493, 515, 518-20, 523, 545, 594, 616

Loewy, A., 163, 459 Loganathan, D., 461 Logothetis, D. E., 381 Lohler, J., 167 Lohmander, L. S., 446, 448, 454, 464 Lohmander, S., 446 Lohse, M. J., 161, 660, 673, 675 Lohspeich, F., 157, 166 Lolait, S. J., 661 Lomasney, J. W., 656-58 Lomonossoff, G., 61, 63 London, I. M., 742 Looney, D. J., 615 Loosfelt, H., 661 Lopes, J., 690, 692, 699, 707 Lopez, C., 579 Lopez, F., 459 Lopez, J., 14 Lopez, N. G., 373-75 López, R., 56 Loranger, J. M., 104 Lord, C., 560 Lord, E. M., 516 Lord, S. T., 44 Lorenz, W., 656, 658 Lorenzon, N., 171 Lories, V., 453, 457 Lorimer, G. H., 327, 328, 331, 335-37, 339, 340, 344 Loring, J. M., 250 Lorkowski, G., 259, 264 Lormeau, J.-C., 459, 464 Lotscher, E., 849 Louarn, J-M., 331, 335, 338 Louvard, D., 167, 728 Loveless, W., 167 Low, M. G., 160 Lowag, C., 302 Lowe, A. G., 775 Lowe, D. G., 244, 248, 249, 559-61, 563, 564, 566, 568, 569 Lowe, S. R., 180 Lowry, C. V., 195, 196, 222 Lowry, O. H., 14 Lowy, D. R., 381, 386, 388, 539 Lozano, G., 452 Lu. A.-L., 497 Lu, C., 483, 491, 492, 495, 501, 502, 504 Lu, Y. C., 588, 589, 600, 601 Lubben, T. H., 113, 327, 328, 331, 335-40, 344 Lucchini, G., 50, 514, 521,

528, 531, 534, 536, 540,

841

Lucibello, F. C., 302

Luciw, P. A., 587-89, 593,

604, 606, 611, 613

Lucko, H. J., 130, 131, 133, 135, 137, 139, 142, 144, 146 Ludmerer, S., 104, 112 Ludwig, J. R., 830, 832 Luc, N. F., 712 Luedke, C., 296 Lucking, D. R., 78 Luftig, R. B., 591, 592 Lugo, J. P., 586 Lugtenberg, B., 436 Luhowskyj, S., 157 Luk, K.-C., 296 Lukat, G. S., 411, 418 Luke, W., 620 Lukhtanov, E. A., 698 Lumb, R. H., 76, 77, 80 Lumry, R., 482, 799, 813 Lumsden, C. J., 784 Lundblad, A., 461 Lundgren-Åkerlund, E., 454, 462 Lundquist, P., 233, 557 Luner, S. J., 305, 308 Lupas, A. N., 411, 418, 420, 429-31, 435 Lurz, R., 56 Luscher, B., 831, 849, 850 Lusis, A. J., 459 Lusso, P., 611 Luster, A. D., 282, 296 Lustig, A., 131 Luther, H., 286 Lutzelschwab, R., 177 Lycan, D. E., 832, 844, 854, 855 Lyerly, H. K., 582 Lyles, J. M., 160 Lyman, S., 157 Lynch, D. R., 232, 243 Lynn, D. L., 617 Lyon, M., 447, 448, 453 Lyons, C., 234 Lyons, J., 361, 369, 372, 373 Lyubimova, M. N., 12

Ma, C., 646 Ma, H., 379, 385 Maack, T., 248, 557 Maalée, O., 19 Maas, W. K., 646, 647 Maassen, J. A., 720, 721 Maat. J., 41 Macara, I. G., 388 MacDermott, A. B., 660 MacDonald, B., 391 MacDonald, D. M., 169 MacDonald, R. C., 84 MacDonald, R. D., 61 Macdonald-Bravo, H., 282, 290-93, 295, 296, 305, 523 MacFarland, R. T., 557 Macgregor, P. F., 289, 308 Macgregor-Leon, P. F., 289, 309, 310 MacHattie, L., 128, 142 Machesky, L. M., 84 Machida, C. A., 660 Machida, K., 81, 85 Machin, K. J., 459 Machleidt, W., 263 Machler, M., 833, 836 Maciag, T., 459, 661 Mack, K. J., 660 MacKay, V., 382 MacKay, V. L., 377, 678 Mackem, S., 837 Mackensen, D. G., 180 MacKenzie, G., 55 Mackenzie, N. E., 819 MacKenzie, R. G., 660 Mackie, E. J., 171, 173 Mackie, K., 167 MacKinlay, A. G., 128, 142 MacMillan, S., 723 Macnab, R. M., 403-5, 422 Macy, D. W., 273 Maddon, D. E., 157 Maddon, P. J., 157, 581, 585 Maden, B. E. H., 194, 198 Maderis, A. M., 406, 421 Madhani, H. D., 748 Madison, V., 813 Madjar, J.-J., 744 Madley, L. K., 834 Madrala, A., 786 Madsen, P., 744 Maeda, A., 660 Maeda, K., 452 Maeda, S., 296, 427 Mackawa, K., 233, 557 Maekawa, T., 289 Maenhaut, C., 661 Maenhaut-Michel, G., 499 Maeno, K., 532 Maenz, D. D., 764 Maessen, G. D. F., 721, 744 Magariyama, Y., 403 Magasanik, B., 402, 423-26, 428, 430, 431, 434, 435 Magee, A. I., 381 Mager, W. H., 828, 829, 846 Maggouta, F., 57 Maglot, D., 198 Magni, G., 516 Magrum, L. J., 196 Mahan, L. C., 660 Mahdavi, V., 235, 237, 240 Maher, P. A., 90 Mahmoodian, F., 461 Mahuran, D., 262, 264, 265 Mahuran, D. J., 262, 264, 265, 267, 268, 271 Maiden, M. C. J., 766

Mailhammer, R., 167 Maillet, P., 454 Maimone, M. M., 459, 724 Maine, G. T., 300 Maio, J. J., 620 Maione, T., 608, 609 Maire, I., 267 Maitra, U., 727 Maizel, J. V., 597, 608, 610 Majack, R. A., 459 Majerus, P. W., 454, 457 Majors, J., 748 Makam, H., 660 Makela, P. H., 167 Makgoba, M. W., 177 Makhov, A. M., 60 Maki, H., 491, 495-97 Maki, M., 231, 232, 236, 240 Maki, Y., 288 Makino, K., 419, 428, 430, 434, 435 Malbon, C. C., 658 Malcolm, S., 691, 694, 700, 704 Malda, M., 579 Malehorn, D. E., 79, 94 Malek, D., 374, 666 Maler, B. A., 236 Maler, T., 267 Malgaretti, N., 369, 373 Mali, M., 453, 457 Malim, M. H., 596, 597, 608-11, 620 Malkas, L. H., 544 Malkovsky, M., 578 Maller, J. L., 740 Malmström, A., 451-53, 458, 466 Maloy, W. L., 61, 63 Malter, J. S., 303 Maly, P., 195 Mamiya, G., 80 Manak, J. R., 300 Manalo, D., 157, 159, 163 Mancini, G. B. J., 245 Mandart, E., 60 Mandel, G., 104, 289 Maniatis, T., 833 Manly, S. P., 282 Mann, D. A., 166, 168 Mann, D. L., 581 Mann, D. M., 445, 452, 456, 461, 464, 465 Mann, R. S., 589 Manney, T. R., 382, 678 Manning, P. T., 231 Manoil, C., 405 Manson, M. D., 404, 406, 408, 422, 429 Mansouri, A., 166 Mantymaa, P., 237, 245 Mar. H., 458 Marala, R. B., 248, 249, 558

Marangos, P. J., 310 Marashi, F., 828, 830, 831, 833, 840, 850 March, J. B., 331, 335, 338 Marchionni, M. A., 660 Marchuk, D., 393 Marciniak, R. A., 606, 607 Marck, C., 695, 704 Marconi, R. T., 214 Marcum, J. A., 445, 459, 461 Marcus, F., 232 Marcus, M., 616 Mareel, M. M., 180 Margaretten, W., 581 Margolies, M. N., 243 Margolis, R. K., 452-54, 458 Margolis, R. U., 452-54, 458 Margolius, H. S., 243 Margulies, T., 128, 130, 135, 148 Mariller, M., 331, 343 Marino, M. W., 739 Markello, T., 75 Markham, P. D., 581, 582, 602, 611, 613, 615 Marklund, S.-E., 459 Marklund, S. L., 459 Marko, M., 130, 131, 133, 137, 140, 142, 146 Markovits, P., 581, 582 Markovitz, D., 611 Markovitz, D. M., 581, 582 Marks, M. D., 57 Marks, R. M., 282 Marky, L. A., 480, 481 Marlier, J. F., 480, 487 Marlin, S. D., 157, 177, 178 Maroteaux, L., 661 Marraccino, R. L., 515, 517, 518 Marsden, N. V. B., 770 Marselle, L. M., 581 Marsh, B., 264, 265 Marsh, K., 178 Marsh, L., 501, 661, 665 Marsh, M., 585 Marsh, T., 195 Marshak, D. R., 523, 540 Marshall, C. J., 311, 381, 386, 389, 390 Marshall, J., 661, 681 Marshall, J. K., 771, 772 Marshall, M. S., 352, 359, 386-90, 392, 393 Marshall-Carlson, L., 766 Marsico-Ahern, J. D., 391 Marsters, S. A., 581, 620 Martegani, E., 392 Martel, R., 331, 334, 335, 338 Marties, M. P., 660 Martin, B. M., 265, 268, 269, 274 Martin, C., 698, 702, 712

Martin, F. H., 633 Martin, F. J., 84 Martín, G., 49, 51, 53, 55 Martin, G. A., 388, 393, 459, 493, 532 Martin, G. R., 457, 459 Martin, J., 119, 331, 340 Martin, J. A., 620 Martin, M. A., 592-94, 600, 601 Martin, M. W., 368 Martin, N. C., 209 Martin, R. L., 661 Martinez, R., 290 Martin-Perez, J., 737 Martiniuk, F., 264, 265, 271 Martinko, J., 61, 62 Martres, M. P., 660 Marullo, S., 656, 658, 660, 667, 669, 679, 680 Maruyama, I., 454, 457 Maruyama, M., 295, 491 Marynen, P., 453, 455, 457 Marzluff, W. F., 828, 830, 831, 847, 850-53 Masaki, S., 516 Masiakowski, P., 299 Masiarz, F. R., 593, 748 Mason, J. T., 85 Mason, R. M., 460 Mason, S. E., 311 Mason, S. W., 60 Mason, W. S., 41, 59, 60 Massagué, J., 453 Massaro, A. R., 179 Masse, T., 744 Massung, R. F., 833, 834, 836 Masters, M., 331, 335, 338 Masters, S. B., 361, 362, 368, 369, 372-74, 376, 681 Masu, Y., 660 Masuda, M., 450, 749 Masuda, T., 127, 131, 146, 147 Masukata, H., 634, 637, 638 Masuno, M., 272 Masur, H., 579 Mathews, M. B., 43, 44, 523, 540, 606, 737 Mathis, D., 836 Matias, P. M., 359 Matrisian, L. M., 307 Matsuba, H., 243 Matsubara, H., 236, 246 Matsubara, K., 133, 135, 138 Matsuda, I., 57 Matsuda, L. A., 661 Matsuda, M., 452, 600 Matsuda, Z., 428, 434, 600 Matsueda, B. R., 236 Matsui, F., 452 Matsui, H., 656, 658, 668, 674 Matsui, M., 289 Matsui, Y., 389

Matsukage, A., 82, 515, 516, 522, 527, 528, 535, 536, 539 Matsukura, M., 621 Matsum V., 526, 541, 542, 544 Matsumoto, K., 48-50, 381-83, 390, 393, 523, 677 Matsumoto, S., 828-30, 841, 845, 846 Matsumura, P., 410, 411, 417-19, 429, 430, 435 Matsunaga, M., 174 Matsuo, H., 231-34, 236, 556, 557, 569 Matsuoka, M., 362, 366-68, 371, 372, 679 Matsushima, K., 362 Matsuyama, S.-I., 103, 108, 113, 431, 646 Matsuzaki, F., 163, 164 Matsuzaki, T., 389 Mattaj, I. W., 45, 837 Mattei, J. F., 165 Mattéi, M.-G., 157, 159, 165, 291-93, 296, 304, 305 Mattera, R., 362, 364-66 Matthews, C. R., 810 Matthews, H. R., 555 Matthews, T. J., 582, 617 Matthias, P., 837, 838 Matts, R. L., 742 Matzner, Y., 463 Mauro, V., 157, 159 Mawle, A., 580, 581, 586 Maximova, T. G., 698 Maxson, R., 828, 838 Maxwell, E. S., 23 May, B. K., 118 May, D. C., 656, 658, 661 May, G., 828, 846 May, G. S., 829 Mayanil, C. S. K., 331, 334 Mayaux, J.-F., 362

Mazliak, P., 75, 78
Mazumder, C., 76, 77
Mazza, C., 516, 521, 531
McAllister, L., 157, 163, 164, 174, 176
McBain, W., 749
McBride, M. J., 423, 429, 431
McBride, O. W., 527
McCabe, P. C., 393
McCaffrey, G., 380, 661, 676
McCall, A. L., 764

Mayer, B., 559

Mayforth, R. D., 304

Mayo, K. E., 312

Mayor, F. Jr., 674

Mayor, J. A., 269

Mazick, L. A., 232

Mayur, K., 613

Mayo, M. A., 61

McCall, J. O., 499, 502, 504, 505 McCarn, D. F., 608 McCarthy, J. B., 459 McCarthy, K. J., 452 McCarthy, R. T., 244, 251 McCleary, W. R., 423, 429, 431, 434, 435 McClung, J. K., 492 McClure, M. O., 585 McClure, M. R., 591 McClure, S. C. C., 128, 142 McClure, W. R., 646, 647, 690 McCluskey, A. H., 486 McCombie, W. R., 660, 661 McConkey, E. H., 733, 734, 737 McCormick, A., 306 McCormick, D., 452

McCormick, A., 306 McCormick, D., 452 McCormick, F., 352, 385-90, 393 McCoy, R. D., 167 McCrea, P., 168 McCubbin, W. D., 720 McCune, J. M., 592, 595 McDonald, C. C., 808 McDonough, P. M., 237 McDougal, J. S., 580-83, 585, 586, 620

McDougall, I. M., 46 McDougall, J. G., 250 McDowell, J. H., 666, 667, 669, 674 McEnroe, G. A., 248, 557, 560, 566

McEatee, K., 500, 504, 529 McFadden, G., 300-2, 304 McFarland, K. C., 157, 661 McGillem, M. J., 245 McGinnis, J. F., 661

McGrath, M. S., 581 McGraw, T., 55 McGrew, L. L., 745 McGuffin, P., 660 McGuire, J. C., 168 McGuire, P. M., 691, 694

McHenry, C. S., 491, 493 McHugh, T., 581 McInnes, B., 268 McIntire, S. A., 646

McIntosh, E. M., 841, 843 McKay, D. B., 328, 331 McKeever, B. M., 591 McKelvy, J., 660 McKiernan, M., 291, 304

McKnight, S. L., 134, 235, 237, 288, 690 McLane, M. F., 597, 599 McLane, M. W., 293, 294 McLaughlin, C. S., 326, 830,

832 McLaughlin, L. W., 634 McLean, L. R., 84 McLendon, G., 796 McLenithan, J. C., 765, 766 McMahon, A. P., 291 McMahon, B., 306 McMahon, J. A., 291 McMahon, M., 282 McMaster, G. K., 720 McMullin, E. L., 739 McMullin, T. W., 331, 335, 339, 340

339, 340
McMurray, W. C., 75
McNally, D., 419
McNamara, B. C., 93
McNeely, P. D., 617
McNeil, H., 165
McNicoll, N., 558, 560
McNutt, W. S., 18, 19
McPheeters, D. S., 211, 212
McQuade, T. J., 620
McQuillan, C. I., 452
McQuillan, D. J., 453, 454,
457

McQuillan, D. J., 453, 454, 457
McRoberts, J. A., 558, 570
McVittie, L. D., 660
McWherter, C. A., 808, 819
McWhitter, J., 200, 205, 212
Meadow, N. D., 419, 762
Meares, C. F., 698
Mechali, M., 516
Mechali, M., 516
Mechal, F., 289, 303
Medynski, D. C., 362, 371
Mee, E., 310
Meek, J., 241
Meek, T. D., 620
Meeker, A. K., 800, 807, 808, 810-12, 820

Meeks-Wagner, D., 844, 846, 856 Meeran, K., 762 Meerovitch, K., 724, 726 Meese, K., 300 Mege, R.-M., 162-64 Mehler, M., 264, 265, 271 Mehlert, A., 331, 334, 343 Mehlman, T., 297 Meier, W., 581, 620 Meijer, D., 263, 271 Meijer, M., 57 Meinhardt, F., 41, 50, 57-59 Mekalanos, J. J., 402, 428, 431 Melbock, P., 608, 609 Melchers, L. S., 428, 432, 434 Meldolesi, J., 369, 373 Melendy, T., 525, 526, 540,

541 Melford, K., 459 Melicow, M. M., 554 Mellado, R. P., 47-49 Mellert, W., 594 Melli, M., 837 Mellman, I., 258, 259 Mellon, P. L., 301 Meloche, S., 248, 249, 558, 560 Melton, D. A., 169, 831, 847 Memet, S., 693, 695, 704 Mendelman, L. V., 482, 484-86, 489, 493, 494 Mendelovitz, S., 57 Mendelsohn, C. L., 157, 178 Mendez, B., 415 Méndez, E., 47-49, 52, 53, 55, 56, 59 Mendez, R. E., 249 Menge, B., 143 Merchen, L., 362 Meredith, G., 264, 265, 271 Merendino, J. J. Jr., 374, 375 Meric, C., 590 Merlie, J. P., 175 Merluzzi, V. J., 177, 178 Mermer, B., 597 Mermod, N., 44, 312 Merrick, W. C., 720, 724, 727, 728, 739, 740 Merrill, J. E., 615 Mervis, R. J., 590, 593 Meselson, M., 478 Meshinchi, S., 331, 343 Metzler, C. H., 250 Meuth, M., 485 Meyer, A., 160 Meyer, A. M., 178 Meyer, D. I., 115, 326, 331 Meyer, J., 454 Meyer, P., 236 Meyer, R. J., 57, 646 Meyer, T. E., 289 Meyerhans, A., 618 Meyerowitz, E. M., 379, 385, 661 Meyuhas, O., 735 Mezard, C., 268 Mhaskar, D., 481 Mhaskar, D. N., 481, 484, 498 Miake-Lye, R., 380, 384 Michaeli, T., 392, 393 Michaelis, G., 57 Michaelis, S., 103, 119 Michalides, R. J., 180 Michaud, L., 271 Michel, T., 362, 365 Michelis, M. A., 579 Michener, M. L., 231, 242, 243 Micouin, J. Y., 693 Midura, R. J., 450, 453 Mikami, A., 660 Miki, T., 331, 335 Milbrandt, J., 282, 290, 291, 293, 298, 304, 305, 310 Milburn, M. V., 356, 359, 360, 386 Milburn, S. C., 720, 724, 725, 739, 740, 746

Mileham, A. J., 57, 528 Miles, S., 615 Milgrom, E., 661 Miller, A. D., 288, 324, 589 Miller, A. M., 377 Miller, C. K., 610 Miller, D. B., 307 Miller, G. M., 127, 128, 131, 133, 135, 137-40, 142, 149 Miller, J., 232, 248, 454, 560, Miller, J. A., 233, 557, 560, 561 Miller, J. C., 660 Miller, J. F., 402, 429, 434 Miller, J. H., 268, 482, 485, 497, 499 Miller, J. L., 673 Miller, L. K., 49, 50 Miller, M. A., 528, 591 Miller, M. R., 492, 540, 545 Miller, P. S., 480, 481 Miller, R. D., 264, 265 Miller, R. H., 601 Miller, R. J., 375 Miller, R. T., 362, 369, 373, 374 Miller, S. I., 428, 431, 505 Miller, W. G., 808 Milligan, D. L., 408 Milligan, G., 352, 367 Millman, I., 59 Mills, A. D., 329, 330, 333 Mills, J., 582 Millward, S., 745 Minamino, N., 232-34, 236, 556, 557, 569 Minamitake, Y., 569 Mindich, L., 55 Minegish, T., 661 Minich, W. B., 736 Minna, J., 289, 308 Minna, J. D., 579 Minor, R. L. Jr., 559 Minshull, J., 731 Minsk, B. M., 282, 290, 291 Minsky, A., 118 Minty, A., 299 Minty, C. N., 454, 456 Mirabile, M., 581 Mirdamadi, B., 841 Misawa, S., 50 Mishina, M., 665 Miskin, R., 213, 215 Misono, K. S., 231, 232, 242, 554, 556 Misra, L. M., 116, 119 Misrahi, M., 661 Mistou, M. Y., 392 Mitchell, B. B., 501 Mitchell, P., 195, 839

Mildvan, A. S., 480, 484, 819

Mitchell, P. J., 690 Mitchelmore, C., 310 Mitraki, A., 344 Mitsubara, K., 135, 138 Mitsui, K., 210, 214 Mitsui, Y., 464 Mitsumoto, H., 267, 272 Mitsuva, H., 291 Mitsuya, M., 581 Mitsuyasu, R., 587, 604 Mitsuyasu, R. T., 615 Mittal, C. K., 554 Mituyasu, R., 596 Miura, A., 104, 109 Miura, K., 50 Miwa, T., 133, 135, 138 Miyachi, K., 523 Miyajima, A., 376, 377, 379, 380, 382, 383, 661, 676, 677 Miyajima, 1., 376, 377, 379, 381-83, 677 Miyamoto, K., 661 Miyamoto, M., 295 Miyata, A., 231 Miyata, T., 60 Miyatake, T., 265 Miyatani, S., 174 Miyazaki, H., 661 Miyazawa, H., 540 Miyoshi, I., 579 Mizobuchi, K., 646, 647 Mizrahi, V., 480, 487 Mizukami, T., 620 Mizuno, A., 232 Mizuno, T., 406, 426-28, 430, 431, 435, 646 Mizushima, S., 103, 104, 108, 112, 113, 118-20, 194-96, 216, 222, 426-28, 430, 431, 435, 646 Mizutani, S., 578 Mizzen, L. A., 326 Mizzrahi, V., 480, 487, 489 Moazed, D., 193, 195, 200, 202, 203, 205, 207, 210-15, 221, 223, 729 Moberly, L., 232 Modak, M. J., 51, 530 Model, P., 103, 104 Modolell, J., 210 Modrich, P., 478, 497 Modrow, S., 617 Modyanov, N. N., 699 Moeller, W., 744 Moelling, K., 592, 594 Moerman, D. G., 177 Moerman, M., 63 Moffat, L. F., 238 Moghazeh, S. M., 646 Mohaghagpour, N., 586 Mohammed, S., 596, 597

Mohan, M., 57

Mohandas, T., 264, 265, 527, 560 Moine, H., 211 Moitoso de Vargas, L., 139 Mol, J. N. M., 648, 749 Moldave, K., 718, 721, 723, 727, 728 Molin, S., 646, 647 Molineaux, S., 582 Mollay, C., 110, 116 Möller, W., 720, 721, 728 Molloy, C. J., 387, 389 Molnar-Kimber, K. L., 59, 60 Momany, F. A., 817 Monack, D., 429, 434 Monafo, W. J., 459 Monastyrskaya, G. S., 704 Moncada, S., 559 Monro, R. E., 194, 198 Monroe, J. G., 306 Monsarrat, B., 504 Monsma, F. J., 660 Monsma, F. J. Jr., 660 Montagnier, L., 580, 601 Montarolo, P. G., 312 Montelaro, R. C., 615 Montelione, G. T., 819 Montell, C., 661 Montine, K. S., 732, 739 Montminy, M. R., 289, 303 Mooi, W. J., 180 Moolenaar, C. E., 180 Moolenaar, C. E. C. K., 180 Moomaw, C. R., 110, 376 Moonen, H., 733 Moonen, P., 77, 79, 81 Moore, A., 537 Moore, C., 41 Moore, D. C. M., 766 Moore, D. D., 238 Moore, D. M., 61, 63 Moore, J., 606 Moore, K., 103, 104, 108 Moore, P. B., 195 Moore, P. D., 484, 486, 498 Moore, S. E., 160, 161, 165, 166, 168, 179, 180 Moore, S. K., 296 Moore, V. G., 198, 199 Moes, M., 157, 159 Morad, M., 237 Moran, A., 780, 787, 790 Moran, L., 844, 845 Moran, M., 198, 199, 387, 389 Moran, N., 162, 163 Moran, P., 592 Moras, V., 362 Morch, M. D., 80 Mordenti, J., 620 Moreau, N., 331, 333 Moreau, P. L., 502 Morel, G., 235, 236 Morel, P., 428, 430

Morell, J., 131, 133, 142, 146 Moreno, F., 48, 118 Moreno, M. L., 829, 832 Moreno, S., 537 Morfeldt-Manson, L., 615 Morgan, D. A., 579 Morgan, E. A., 195, 216-18 Morgan, J. I., 241, 289, 309, 310, 312 Mörgelin, M., 452, 456 Mori, H., 216, 217, 219 Mori, K., 563 Moriarty, A., 585 Morii, N., 246 Morimasa, T., 131 Morimoto, R. I., 737 Morimoto, R. T., 326, 331, 342 Morimoto, S., 270 Morishima, N., 372 Morishita, R., 366 Morita, H., 452 Morita, T., 535, 536 Moriuchi, T., 523 Moriwaki, H., 646, 647 Morkin, E., 566, 568, 571 Morley, S. J., 739, 740 Morreau, H., 265 Morris, C. F., 291, 304 Morris, C. P., 258, 261, 264, 265 Morris, D. R., 739 Morris, H. R., 79, 762, 763 Morris, N. R., 829 Morris, T. D., 830, 831, 850, 853 Morrison, A., 514, 515, 517, 528, 529, 533, 540, 544 Morrison, D. K., 389 Morrison, E. D., 296, 304 Morrow, C. D., 601 Mortin, M. A., 702 Morton, R. E., 74 Morton, S. B., 157, 159, 163 Mos, H., 85, 87 Mosbaugh, D. W., 482, 486, 492, 521, 545 Mosca, J. D., 611 Moscatelli, D., 459 Moser, A. B., 258, 260 Moser, H. W., 258, 260 Moses, R. E., 500 Mosesson, M. W., 459 Mosher, D. F., 459, 462, 464 Moskowitz, S. M., 263, 267 Mosmann, T. R., 296 Moss, B., 528, 592, 595, 620, 704 Moss, J., 352, 374, 656, 679 Motizuki, M., 210, 214 Mottershead, R. P., 500 Mottonen, J. M., 402, 411. 417, 418, 425, 429, 435

Motuz, L. P., 743 Mougel, M., 211, 212 Moulton, A. D., 306, 312 Mount, D. W., 50, 500, 501, 528 Mourao, P. A. S., 459 Mous. J., 593 Mousset, S., 128, 130 Movsas, B., 425 Movva, N. R., 112 Mowbray, S. L., 406, 407, 410 Mowry, K. L., 847, 848 Moy, G. W., 555 Moyer, R. W., 411 Moyle, M., 692, 693, 695, 699, 703, 704, 709, 711 Mrázek, J., 130, 134 Msadek, T., 429, 431 Mudryj, M., 288 Mueckler, M., 115, 761, 762, 764-66, 768, 779 Mueller, C. G. F., 300 Mueller, G. C., 852 Muenzer, J., 258, 261, 273 Mueser, T. C., 742 Muesing, M. A., 593, 604, 643 Muir, H., 452 Mukai, K., 429 Mukheriee, M. G., 668 Mukoyama, M., 233, 236, 244, 569 Mulcahy, L. S., 387 Mullen, E., 658 Muller, B., 173 Müller, D., 462 Muller, E. J., 180 Müller, F., 81 Müller, G., 110, 116 Müller, M., 103, 104, 108 Muller, M. M., 837, 838 Müller, R., 287, 289, 290, 302, 309 Muller, S., 177 Müller-Berghaus, G., 459, 462 Müller-Eberhard, H. J., 457 Mulligan, R. C., 274, 301, 589 Mullikin, D., 668 Mullikin, L. J., 86 Mullineaux, P., 646 Mulner-Lorillon, O., 744 Mulrow, P. J., 251 Mumby, S. M., 357, 362, 365, 374-76, 381 Munch, G., 374, 666 Munch-Petersen, A., 21 Munday, K. A., 772 Munro, H. N., 732, 735, 747 Munro, J. M., 169 Munroe, D., 745 Munske, K., 554 Munson, P. J., 485 Murad, F., 554, 556-60, 567,

571

Murakami, H., 331, 342 Nagata, K., 44-46, 579 Nagata, S., 362, 366, 379 Murakami, K., 248, 249 Murakami, S., 60 Nagayama, Y., 661 Murakami, Y., 524, 527, 540, Nairn, A. C., 167, 743 Najarian, R. C., 61 542, 544 Muralikrishna, P., 211 Najita, L., 726 Murawsky, M., 171, 175 Nakabeppu, Y., 289, 498 Murer, H., 782, 783 NAKAFUKU, M., 349-400; 376, 377, 379, 382, 383, Murgo, S., 837 Murgola, E. J., 205, 218 385, 387, 390, 393, 677 MURIALDO, H., 125-53; 127, Nakai, J., 660, 665 130-36, 138, 140, 142-44, Nakajima, M., 463 146, 148, 331, 335 Nakajima, S., 368 Murphey-Corb, M., 618 Nakajima, T., 310, 667 Murphy, J. F., 61 Nakajima, Y., 368 Murphy, M., 77 Nakamura, G., 583 Murphy, S., 837 Nakamura, G. R., 619 Murphy, W. J., 837 Nakamura, K., 57, 103, 661 Murphy-Ullrich, J. E., 459, Nakamura, S., 362, 366, 376, 462, 464 377, 379, 386, 387, 613 Murray, B. A., 157, 158, 160-63, 165, 174, 176 Nakane, M., 560, 571 Nakane, P. K., 523 Nakanishi, S., 231, 660, 661, Murray, G. J., 263, 273 Murray, J. F., 582 721 Murray, J. M., 306, 312 Nakanishi, T., 721 Murray, K., 135, 828 Murtagh, J. J., 362 Nakano, T., 263, 265, 267, 268, 270 Murtha, P., 729, 742 Nakao, K., 233, 234, 236, 244, Muscillo, M., 267 246, 556, 569 Musgrove, J. E., 119 Nakao, Y., 579 Musil, S. M., 165 Nakasai, F., 427, 428, 431, Mustaev, A. A., 698, 699 435 Musters, W., 195 Nakashima, P., 271 Mutoh, N., 405, 406, 409 Nakata, A., 419, 428, 430, 434, 500, 501 Muzny, D. M., 721 Nakata, H., 657 Muzya, G. I., 76 Muzyczka, N., 484, 491, 492, Nakayama, K., 231, 660 Nakayama, N., 377, 380-82, 498, 522 Myerowitz, R., 264, 265, 267 661, 676, 677 Nakazato, H., 181, 232 Nakazawa, K., 453 Myers, D. J., 585 Myers, G., 601, 616, 617 Myers, P. R., 559 Nalbantoglu, J., 485 Myers, T. W., 515, 517 Nalin, C. M., 597, 609 Nambi, P., 672, 675 Namikawa, R., 534 Nanba, E., 267 Nabel, G., 587, 588 Nandi, A., 851 Nabel, G. J., 611 Napier, M. A., 248 Nadal-Ginard, B., 235, 237, Napolitano, M., 296 Nara, F., 431 240 Nadin-Davis, S. A., 394 Nara, P. L., 617 Naftalin, R. J., 770 Narang, S. A., 394 Naftilan, J. D., 242 Narayan, O., 582 Nag. B., 197 Nami, F., 299 Nag. M. K., 723 Nash, H. A., 140

Nagafuchi, A., 157, 159, 160,

162-64 Nagafuchi, M., 157, 163

Nagai, A., 459

Nagao, Y., 270

Nagasawa, K., 459 Nagashima, K., 592

Nagamine, J., 428, 432

Nasheuer, H.-P., 516, 519-21,

Nashimoto, H., 104, 109

Nasmyth, K. A., 377, 841

Nathans, D., 282, 288-95, 304,

Natapov, P. G., 743

306, 839

537, 538

Nasim, A., 394

Nathans, J., 380, 657-59, 661, 668, 669 Nathanson, N. M., 660, 661 Nathenson, S. G., 61, 62 Natori, S., 698 Natowicz, M., 267 Nau, H., 559 Nau, M., 289, 308 Naugle, C., 616 Nault, A. K., 104, 105 Navarro, J., 661, 765 Nave, K.-A., 165 Navia, M. A., 591 Navon, R., 267, 272 Navon, S. E., 374, 375 Nawroth, P., 445, 461 Nazarali, A. J., 556 Neame, P. J., 452, 456 Neckelmann, N., 177 Neeb, M., 778, 780 Needleman, P., 233, 236, 240, 242-44, 247 Neer, E. J., 235, 352, 362, 365, 375, 381, 667 Nègre, D., 217, 218, 221 Nehlin, J. O., 292 Nehrkorn, H., 263 Neilson, T., 633 Nelbock, P., 606 Nelemans, S. A., 80, 89 Nelson, D. E., 312 Nelson, E. M., 516, 735 Nelson, J. A., 581, 582, 611, 612 Nelson, J. W., 813 Nelson, P. V., 264, 265 Nelson, R., 162 Nelson, W. J., 164, 165 Nemecz, G., 80, 92 Nemer, M., 231, 232, 236 Nemoto, F., 749 Neote, K., 262, 264, 265, 267, 268, 271 Nester, E. W., 402, 428, 430, 432, 433, 435 Neuberg, M., 302 NEUFELD, E. F., 257-80; 258, 260-68, 273 Neumaier, M., 157, 181 Neupert, W., 113, 115-17, 119, 326, 331, 339-42 Neurath, H., 459 Newbold, C. I., 178 Newcomer, M. E., 83 Newman, P. J., 157 Newman, S. A., 459 Newman, W. H., 245 Newsome, D. A., 453 Newton, A., 431 Newton, J., 482 Neys, F., 89 Ng, A. S., 388, 393 Ng. L., 523, 524

Nguyen, C., 165 Nguyen, T. T., 234, 236, 249, 660 Nicchitta, C. V., 110 Nichelson, J. K. A., 586 Nichols, B. P., 135, 137 Nichols, J. W., 79, 85, 87 Nicholson, D. W., 115 Nicholson, J. K. A., 580, 582 Nick, H., 833, 839, 840 Nickoloff, B. J., 169 Nicodemus, C. F., 454, 455 Nicolson, G. L., 463 Niederman, T. M., 611 Niedieck, B., 167 Nieduszynski, I. A., 448, 450, 460 Nielsen, P. J., 720, 724, 732-34, 737, 749 Nieman, A. M., 678 Niemann, R., 465 Nienhuis, A. W., 306, 312 Nierhaus, K. H., 198, 210, 214 Nieto, J. L., 819 Nieurarowski, S., 296 Nigg, E. A., 331, 333 Nigida, S. M. Jr., 590 Nigro, J. M., 157, 181 Nikaido, H., 27 Nikawa, I., 391 Nikoletti, S., 646, 647 Nillson, I., 112 Nilsson, B. O., 168, 446, 448, 453 Ninfa, A. J., 402, 411, 417, 424-31, 434, 435 Ninfa, E. G., 411, 418, 429-31, 435 Ninio, J., 207, 633 Ninomiya, Y., 452 Ninomiya-Tsuji, J., 298 Niroomand, F., 559-61 Nishi, K., 223 Nishida, C., 492, 515, 517, 540, 545 Nishida, Y., 523 Nishikawa, K., 516, 527, 528 Nishikawa, Y., 362, 371 Nishikura, K., 306, 312 Nishimoto, Y., 522, 530 Nishimura, S., 749 Nishimura, T., 288, 839 Nishimura, Y., 264, 265, 427, 431, 435 Nishina, H., 289, 309 Nishioka, J., 454, 457 Nishiyama, Y., 532 Nishizawa, R., 57 Nitta, Y., 180 Nivez, M-P., 249 Niwa, O., 180

Niwano, M., 410

Nixon, B. T., 402, 425, 426, 428, 430, 432, 435 Niznik, H. B., 660 Noble, R. L., 294 Nochlin, D., 458 Noda, M., 359, 362, 364, 376, 380, 389 Noegel, A., 157, 176 Noen, H. V. D., 240 Nogi, A., 248, 557, 566 Noguchi, M., 180 Noguchi, T., 231, 232 Nohmi, T., 501, 502, 504 Nokazi, Y., 804 Nolan, C. M., 258, 261 Nolan, R. D., 679 Noland, B. J., 75-77, 79, 80, 90, 92, 93 NOLLER, H. F., 191-227; 22, 193, 195, 196, 198-200, 202, 203, 205-7, 209-14, 219, 222, 223 Nolta, J. A., 274 Nolte, V., 452, 456 Nomoto, A., 61 Nomoto, S., 381, 382 Nomura, K., 554 Nomura, M., 104, 109, 194-96, 205, 213, 214, 216, 222, 324, 333, 702 Nomura, N., 289 Nonet, M., 692, 693, 695, 698, 699, 704, 706, 711, 712 Noonan, D. M., 453, 455, 457 Nordheim, A., 299, 300, 302 Nordling, K., 459, 461 Nordstrom, K., 646, 647 Norgaard-Petersen, B., 179 Norioka, S., 426 Norling, B., 452 Norman, C., 294, 299, 300 Normand, P., 57 Noronha, A. B., 165 Norris, D., 844, 845 Norris, W. E., 173 North, P., 88 Northup, J. K., 376, 675 Norton, R. S., 808 Nose, A., 157, 163, 164 Nossal, N. G., 484, 491 Notario, V., 492, 530 Nottenburg, C., 454 Novak-Hofer, I., 740 Novick, P., 94 Novick, R. P., 646, 647 Nowak, R., 535 Nowlin, D. M., 4211 Noy, G. P., 492 Nugeyre, M. T., 579, 580 Nukada, T., 362, 364, 371, 376, 380 Numa, S., 665 Nunnari, J. M., 657

Nurse, K., 199, 217, 221 Nurse, P., 537, 830, 846 Nussenzveig, D., 248, 557 Nuwayhid, N., 464 Nyberg, K., 810 Nyborg, J., 356, 359 Nybroe, O., 160, 163, 165 Nylund, L., 466 Nyquist, D. A., 89

(

Oakes, M., 203

Oas, T. G., 819 Oatley, S. J., 810 Obara, T., 376, 377, 379, 383, 385 Obaru, K., 296 Obici, S., 681 Obinata, M., 698 O'Brien, J. S., 258, 260, 263, 269-71, 274 O'Brien, T. G., 304 O'Brien, T. P., 297, 298 O'Brien, W. E., 177 Öbrink, B., 156, 168 Occhiodoro, T., 264, 265 O'Connell, A., 59 O'Connell, C., 833 O'Connell, D., 212, 221 O'Connell, M., 164 O'Connell, P., 393 Odin, P., 168 Odom, O. W., 208, 209 O'Donnell, M. E., 232, 495, 496 O'Dowd, B. F., 262, 264, 265, 271, 660, 666, 670, 672, 673 Oeben, M., 448, 450 Oegema, T. R. Jr., 450, 452, 453 Oen, H., 199 Oeser, B., 50, 57, 59 Oesterhelt, D., 423 O'Farrell, S., 453, 455, 457 Ofengand, J., 199 Offermann, J. T., 582 Ofir, R., 303 Ogamo, A., 459 O'Gara, F., 562, 563, 571 Ogasawara, N., 60 Ogawa, H., 127 Ogawa, K., 600 Ogawa, Y., 236, 244, 807, 815 Ögren, S., 455 Ogura, A., 359 Oh, R., 847, 848 O'Hanley, P., 558 O'Hare, K., 833 O'Hare, P., 837, 838 Ohashi, M., 50 Ohashi, T., 269

Ohguro, H., 357, 381, 676 Ohgushi, M., 816 Ohi, Y., 450 Ohkubo, H., 231, 661, 721 Öhlin, A.-K., 454, 462 Ohnishi, S. I., 81, 85 Ohno, H., 248, 249 Ohno, K., 267 Ohno-Iwashita, Y., 103, 104 Ohoka, Y., 372 Ohta, Y., 331, 332 Ohtake, H., 554 Ohtsubo, E., 646, 647 Ohtsubo, H., 646, 647 Ohuchi, S., 557 Oikawa, S., 181, 231, 232, 237 Oike, Y., 452 Oinuma, M., 381 Oka, Y., 765 Okabe, K., 390 Okada, Y., 482 Okamoto, K., 646, 647 Okamoto, T., 110, 588 Okamura, S., 698, 702, 712 Okazaki, K., 157, 159, 160, 162, 163 O'Keefe, D. P., 327, 328, 335, 336, 339, 344 O'Keeffe, T. J., 601 Okino, K., 457 Okumoto, D. S., 545 Okuyama, T., 264, 265 Olashaw, N. E., 286, 307 Olate, J., 362, 364, 366, 367 Old, R. W., 135 Oldberg, A., 445, 452-55, 457, 461 Oldstone, M. B. A., 582, 611 Olinger, B., 517 Olins, P. O., 231, 243 Olivecrona, T., 459 Oliver, A. R., 740 Oliver, D. B., 103-5, 108, 109, 113, 118 Oliver, G., 182 Oliver, I. R., 331, 335, 338 Oliver, P. D., 157 Ollig, D., 780 Ollis, D. L., 51, 495, 527, 532 Olmedo, G., 429, 430, 431 Olmsted, R. A., 618 Olofsson, B., 389 Olofsson, S.-O., 459 Olsen, B. R., 452 Olsen, H. S., 597, 609 Olsen, M., 608, 609 Olson, C., 455 Olson, S. T., 459 O'Malley, K. L., 660 Omura, F., 729 Onai, T., 661 O'Neill, E. A., 44, 45, 838

O'Neill, K., 661

O'Neill, R. E., 746 Ong. D. E., 75 Ong, H., 234, 236, 248, 249, 558 Onorato, F., 579 Onuffer, J. J., 810 Oohira, A., 452 Ooi, T., 516, 527, 528, 563 Oosawa, K., 405, 408-11, 418, 420, 429-32, 435 Oosta, G. M., 459 Oostra, B. A., 264, 265 Op den Kamp, J. A. F., 75, 81, 85, 87 Opgenorth, T. J., 249, 250 Oprian, D. D., 381, 669 Oquendo, P., 296 Ord, R. W., 841, 843 Ordal, G. W., 423 Orenstein, J. M., 582, 601 Oreste, P., 459 Orford, C. R., 456 Orgel, L. E., 195 Orii, T., 272 Orita, T., 331, 335 Orlandi, R., 748 Orlowski, C. C., 297 Orly, J., 90, 655 Oron, U., 462 Oroszlan, S., 580, 590, 601, 748 Orrego, A., 615 Ortín, J., 47 Ortlieb, R., 181 Osawa, S., 373, 382 Osborn, A. L., 484, 486 Osborn, L., 157 Oscarsson, L.-G., 466 Oseroff, A. R., 667, 669 O'Shea, J. M., 808 Oshima, A., 264, 265, 270 Osiecki, K. M., 269 OSLEY, M. A., 827-61; 829, 830, 832, 841, 843-45, 854, 855 Ossendorp, B. C., 91 Osswald, M., 195 Osterhout, J. J. Jr., 819 Ostermann, J., 116, 119, 331, 340-42 Ostrove, J. M., 44, 611, 612, 648 Ota, K., 534 Otani, S., 311 Otero, A. S., 657 Otero, M. J., 53 O'Tousa, J. E., 661 Otte, C. A., 678 Ottesen, M., 29 Ottiger, H. P., 493 Otto, A. M., 737 Otwinowski, R. W., 137 Ou, C.-Y., 606

Ovchinnikov, L. P., 736, 743 Ovchinnikov, Y. A., 362, 380, 699, 704 Ovchinnikov, Yu. A., 199, 658, 659, 661, 666, 670 Overath, P., 84 Overbaugh, J., 505 Owen, N. E., 232 Owen, T. A., 840 Owen, W. F. Jr., 454 Owens, C. L., 728 Owens, G. C., 161, 165 Oxender, D. L., 104, 112 Ozaki, H., 558 Ozaki, M., 194-96, 216, 222 Ozawa, M., 164, 165 Ozawa, Y., 427 Ozel, M., 591 Ozon, R., 744

Pabich, E. K., 725 Pabo, C. O., 133, 596, 612 Paborsky, L. R., 516, 520 Pace, A. M., 361, 369, 372, 373, 681 Pace, C. N., 796, 800, 808, 810 Pace, N., 195 Pačes, V., 47, 52 Padgett, R. A., 649 Padmanabhan, R., 41, 45, 131 Padrell, E., 679 Pagano, F., 611 Pagano, J. S., 611 Pagano, R. E., 74, 85 Page, E., 246, 247 Page, M., 167 Pagès, J. M., 112, 119 Pagliusi, S., 157 Pahel, G., 425 Pai, E. F., 356, 359-61 Paigen, K., 258, 261 Paillard, M., 57, 59, 528 Pain, D., 331, 342 Pain, R. H., 813 Pain, V. M., 741, 749 Pajor, A. M., 779, 780 Pak, W. L., 383, 661 Pakula, A. A., 402 Pakula, T., 55 Pal, R., 591 Pal, S., 452 Palacios, M., 559 Palade, G. E., 231, 242 Palchaudhuri, S., 646, 647 Palczewski, K., 674 Palfrey, H. C., 743 Palker, T. J., 617 Pallansch, M. A., 62, 63 Palm, D., 374, 666 Palm. P., 698, 704

Palmenberg, A. C., 62, 63, 729 Palmer, R. M. J., 559 Palmer, T. D., 589 Palmeri, S., 271 Palmieri, S., 282, 290, 291 Palmiter, R. D., 660, 681, 733, 734, 736 Palson, B. O., 645 Paltauf, F., 77, 78, 80, 83, 84, 88 Pan, C.-I., 828 Panayotou, G., 457 Pandey, K. N., 231, 232, 249, 556, 559, 560 Pandey, N. B., 847, 850, 852 Pandey, V. N., 51 Pandya, B. V., 381 Panet, A., 200 Pang, I. H., 374, 375 Pang, S. C., 554 Panico, M., 761-63, 779 Pannenbecker, G., 57 Panniers, R., 723, 727, 732, 741 Pantano, J., 264, 265 Papageorge, A. G., 381, 391 Papanicolaou, C., 482, 485, 633 Papas, T. S., 597 Pappin, D. J. C., 667, 669 Paranchych, W., 647 Pardee, A. B., 286, 295, 299, 836 Pardridge, W. M., 733 Pardue, M. L., 737 Parekh, B., 615 Parés, E., 50, 51 Pargellis, C. A., 139 Parish, C. R., 463 Park, C., 407, 409, 421 Park, M. H., 727 Park, R. E., 599 Park, S., 105 Parker, E. M., 666 Parker, H., 813 Parker, K., 847 Parker, R., 855 Parker, S. R., 405 Parkes, D. G., 250 Parkhurst, L. J., 742 Parkhurst, S. M., 704 Parkin, N. T., 604 Parkinson, J. S., 403, 405, 406, 409, 412, 415, 416, 432 Parks, E. S., 614 Parks, M. A., 556 Parmeggiani, A., 214, 352, 392 Parmentier, M., 661 Parris, W., 130-32, 135, 142, 144, 146, 147 Parry, D. A. D., 134 Parsell, D. A., 331, 334, 336, 796

Parslow, T. G., 837 Parsons, B. L., 528 Parsons, W. G., 453 Pascall, J. C., 282, 293, 294 Paskalis, H., 595 Paskind, M., 726 Passmore, S., 300 Passovoy, D. S., 290 Pastan, I., 620 Pastink, A., 828, 829, 846 Pastrana, R., 48, 52 Pastuszyn, A., 75, 79, 80, 92, 93 Patarca, R., 593, 595 Patel, D. J., 480, 481 Patel, I., 646 Patel, K., 180 Patel, N. H., 157, 165, 174, 176 Patel, P., 140 Patel, S., 489, 490 Paten, N., 288 Paterson, B. M., 829, 832 Patey, G., 656, 658, 660, 669, 680 Pathak, V. K., 720, 741, 742 Pati, U. K., 699, 703, 704 Patino, M. M., 747 Patrone, G., 813 Patterson, B., 847 Paturu, K., 362 Paul, A. K., 248, 249, 558 Paul, A. V., 61, 63 Paul, N. W., 273 Paule, M. R., 690, 691, 700, 704 Pauli, G., 591 Pauli, U., 833, 839, 840 Paulsson, M., 452, 453, 456 Paulussen, R. J. A., 75 Paum, M. G., 590, 593 Pausch, M. H., 516 Pavlakis, G. N., 595-99, 602-4, 608, 610 Pavlou, S. N., 249, 556 Paw, B. H., 263, 267 Pawagi, A. B., 774 Pawson, T., 387, 389 Payette, P., 679, 680 Payne, J. M., 706, 711 Pazour, G. J., 428 Peabody, D. S., 729 Peacock, M. E., 459 Pearlberg, J., 312 Pearson, B. E., 50, 493, 514, 527, 531, 532, 534, 537, 538, 540 Pearson, C. A., 171, 452 Pearson, G. D., 46 Pearson, L., 611 Pearson, M. L., 132 Pearson, R. K., 148 Pechak, D. G., 462

Peden, K., 601, 610 Pedersen, N., 544 Pedrali-Noy, G., 515 Peerce, B. E., 778, 781 Peffer, N., 588, 611 Pejler, G., 453, 459, 461 Pekkala-Flagan, A., 833, 835, 839 Pelcher, L. E., 331, 334, 335, 338 Pelech, S. L., 91 Pelham, H. R. B., 326, 331, 342 Pellegrini, M., 199 Pelletier, J., 725, 726, 731 Pellicer, A., 271 Peltonen, L., 271 Peltz, S. W., 851-54 Peñalva, M. A., 48 Penchev, R., 429 Peng, C., 591 Penhallow, R. C., 585 Penman, M., 594 Penman, S., 732, 734, 737, 743 Penners, N. H. G., 81 Peralta, E. G., 660, 679 Perara, E., 115 Perdew, M. H., 383 Perego, M., 429, 431, 434 Perelson, A. S., 645 Perera, J., 282, 290, 291, 295 Perez, L. G., 592 Perez-Albuerne, E., 289 Périn, J-P., 454 Perkins, A., 596, 597, 606 Perkins, J. P., 675 Perkins, K. K., 288 Perkins, L. A., 288 Perlman, D., 103, 231 Perlman, S., 732, 743 Perlmutter, R. M., 362, 366, 371 Perna, P. J., 691, 700, 704 Perou, C. M., 394 Perret, J., 661 Perrimon, N., 288 Perrin, F., 833 Perrino, F. W., 482, 485, 486, 493, 520 Perris, R., 452 Perry, K. L., 501 Perry, K. M., 810 Perry, L. K., 274 Perry, M., 833, 836 Perry, R. P., 735 Perry, S. K., 453 Persohn, E., 165 Persson, B., 459 Persson, C., 647 Persson, R. H., 61 Perucchetti, R., 132, 142, 146, 147 Pesando, J. M., 454, 456

Pestka, S., 194 Peter, M. E., 743 Peterlin, B. M., 604-6 Peters, C., 259, 264, 265 Peters, J. R., 672, 675 Petersen, G. B., 127, 132 Petersen, N. S., 326 Petersheim, M., 633 Peterson, A., 584 Peterson, B. C., 516 Peterson, C., 135, 709, 711 Peterson, D. T., 727 Peterson, G. L., 660 Peterson, P. A., 83 Peterson, R. B., 729 Peterson, T. A., 841 Petitjean, A., 392 Petitou, M., 447, 459-61, 464, 466 Petranyi, P. W., 691 Petratos, K., 386 Petre, J., 223 Petrella, E., 180 Petruska, J., 480-82, 484-86, 489, 491, 493, 494 Petsko, G. A., 360, 361 Pettersson, I., 453-55, 466 Pettersson, R. F., 61 Pettersson, U., 44, 45, 454, 455, 466, 837 Petteway, S., 599 Pettit, S. C., 43, 44 Peyrieras, N., 167 Pezeshkpour, G. H., 582 Pfaller, R., 116 Pfanner, N., 115-17, 326, 331, 340 Pfeffer, J. M., 235 Pfeffer, L. M., 739 Pfeffer, M. A., 235 Pfeil, W., 807, 814, 817 Pfeilschifter, J., 250, 251 Phalente, L., 700 Phear, G., 485 Phelps, M. N., 248, 557, 566 Phelps, W., 611, 612 Philip, I., 180 Philip, T., 180 Philiponis, V., 298 Philipson, L., 44, 283 Phillips, G. J., 103, 107, 331, 335 Phillips, H. S., 661 Phillips, 1., 829 Phillips, M. C., 74, 84 Phillips, W. D., 808 Piantanida, T. P., 659, 668 Picard, D., 331, 343 Picciafuoco, S., 585 Pichot, F., 563 Picker, L. J., 454, 456 Picketts, D. J., 331, 334 Piekarz, R., 264, 265

Pierani, A., 837 Pierschbacher, M. D., 173, 454, 612 Pietrzykowska, I., 545 Piette, J., 288, 303 Pike, L. J., 672 Pilch, P. F., 764, 765 Pinchsi, D., 597 Pincon-Raymond, M., 171, 175. 179 Pines, O., 645, 648 Pini, A., 311 Pinter, A., 595 Piovant, M., 119 Pitt, G. S., 379, 384 Pittard, J., 646, 647 Pizon, V., 389 Pizzagalli, A., 50, 514, 516, 521, 527, 528, 531, 534, 538-40 Pizzey, J. A., 160, 163 Plaas, A. H. K., 452 Plaisted, S. M., 813, 816 Planck, S. R., 493 Planta, R. J., 828, 829, 846 Plassat, J. L., 661 Platt, T., 690, 853 Pledger, W. J., 286 Pleij, C. W. A., 637, 749 Plesner, P., 35 Plevani, P., 50, 514, 516, 521, 527, 528, 531, 534, 536, 538-40, 841 Ploegh, H. L., 167 Pluckthun, A., 105, 328, 331, 337 Plumb, M., 828, 830, 831, 853 Pober, J. S., 169 Podos, S., 698, 712 Poe, M., 382 Poellinger, L., 838 Poenaru, L., 268 Pohl, S. L., 655 Pohlmann, R., 259, 264, 265 Poiesz, B. J., 482, 486, 493, 579, 594, 616 Polakis, P., 390 Poland, R. L., 484, 491, 492, 522 Polisky, B., 637, 640, 641, 643 Politz, S. M., 212 Pollard, T. D., 84 Pollerberg, E. G., 165 Pollerberg, G. E., 157, 161, 164, 165 Pollitt, S., 103, 104 Pollock, R. A., 119, 294, 299, 300, 331, 340 Polten, A., 269, 270, 272 Pomerantz, J. L., 454 Pon, C. L., 211, 212 Pong, S.-S., 749 Pongs, O., 634

Ponta, H., 302 Poole, A. R., 444 Poon, D., 588 Poonian, M., 128, 142 Poorthuis, B. J. H. M., 76, 77, 89, 92, 274 Popham, D., 423, 425, 426, 431, 435 Popovic, M., 580, 581, 593, 6002 Pörschke, D., 633, 634 Porter, J. G., 248, 557, 560, 561, 566 Porter, S., 425 Portmann, R., 833, 836, 847 Posakony, J. W., 833 Possenti, R., 540 Post, M., 89, 91 Post, R. M., 310 Potier, M., 271 Potter, L. R., 561-63 Potts, B. J., 592, 594 Potz, J., 583-85 Poulhe, R., 744 Pouliot, Y., 163 Poullet, P., 392 Poulos, T. L., 559 Pouyssegur, J., 35 Powell, B., 428, 430 Powell, D., 608 Powell, P. P., 264, 265 Power, M. D., 593 Powers, S., 391 Powers, T., 193, 195, 216, 218, 220, 221, 223, 224 Pozzati, R., 61 Prakash, L., 841 Prakash, S., 841 Prasad, S. M., 217 Prasad, V. R., 594 Prashne, M., 142 Praszkier, J., 646, 647 Pratt, R. M., 459 Pratt, W. B., 331, 343 Preddie, E., 661, 680 Prediger, E. A., 157, 158, 160, 161, 165, 176 Prehm, P., 450 Preibisch, G., 232 Preissner, K. T., 459, 462 Prelich, G., 44, 523, 524, 540, 541 Prenger, J. P., 691, 704, 705 Prentice, H. M., 160, 165, 168 Prentki, P., 140 Preparata, R., 484, 491 Prescher, K.-E., 559 Prescott, C., 195, 218 Preston, B. D., 482, 484, 486, 493, 594, 616

Preuss, D., 105 Price, D. H., 692 Price, N. T., 743 Price, S. R., 362, 367 Price, T. D., 554 Prieto, A. L., 171-73 Prieto, I., 47-49, 52, 53 Prince, J. B., 199, 218 Pring, D. R., 57 Pringle, G., 452 Pritchard, C. G., 527 Pritchett, D. B., 660 Privalle, C. T., 93 Privalov, P. L., 800, 807 Prive, G. G., 480, 481 Probstmeier, R., 163, 171 Prochownik, E. V., 282 Prockop, D. J., 457 Proia, R. L., 262, 264, 265, 267, 272 Projan, S. J., 646, 647 Pronczuk, A. W., 732 Pronin, A. N., 362 Prost. E., 238 Proti-Sabljic, M. N., 485 Proud, C. G., 741, 743 Proudfoot, N. J., 692, 851 Proulx, G., 457 Proulx, J., 600 Provasoli, A., 460 Provasoli, M., 460 Provost, N. M., 383, 384 Prugnola, A., 429 Pruijn, G. J. M., 45, 837 Pruss, R. M., 290 Prussak, C. E., 522 Prusti, R. K., 428, 433, 435 Prywes, R., 299, 300 Ptashne, M., 595, 597, 690 Ptitsyn, O. B., 807, 813, 814, 816 Puckett, C., 362, 371 Pugh, B. F., 690 Puhler, G., 704 Pukac, L. A., 459, 464 Pulford, S. M., 480, 481 Pulsifer, L., 375 Punnett, H. H., 268 Pupillo, M., 379, 384 Purcell, R. H., 61, 63, 596, 618 Purdue, J. F., 295 Purdy, S., 454 Purvis, I. J., 326 Pushkin, A. V., 331, 335 Putney, S. D., 615, 617 Putt, W., 160, 161, 165, 166 Puyk, W. C., 77, 79 Puziss, J. W., 108 Pyle, S. W., 617

Pyper, J. M., 578

Pyun, H. Y., 661

Q
Quan, F., 383
Quantin, B., 288
Quaranta, V., 450
Quarles, R. H., 165, 167
Quay, S. C., 104, 112
Quillen, E. W., 250
Quinn, A. M., 564, 565
Quinn, M., 264, 265
Quintern, L. E., 265, 268
Quiocho, F. A., 771, 776, 781
Quirlon, R., 556
Quon, D. V. K., 262, 268

R

Raben, J., 91 Rabin, L., 581 Rabin, L. B., 592, 595 Rabinovich, D., 480, 481 Rabkin, S. D., 484, 486, 498 Rabson, A. B., 601, 605, 606, 617 Racaniello, V. R., 61, 157, 178, 746 Racker, E., 394 Rackowski, J., 581 Radany, E. W., 555, 796 Radhakrishnamurthy, B., 459 Radhakrishnan, R., 82 Radman, M., 478, 483, 492, 499, 500, 505 Radomski, M. W., 559 Radziwill, G., 60 Rac, P. M. M., 181 Raetz, C. R. H., 90, 92 Raff, R. A., 828, 832 Raff, R. F., 274 Raffionio, S., 309, 310 Rafi, M. A., 270 Rafter, E., 516 Ragazzi, M., 460 Ragg, H., 459 Raghow, R., 855 Rahat, A., 482 Rahman, R., 593 Rahmsdorf, U., 302 Rainwater, S., 428 Raj. N. B. K., 611 Rajagopalan, M., 501-4 Rajenders, S., 482 Rakic, P., 174 Rall, S. C. Jr., 459 Rall, T., 362, 373, 374 Ralph, R., 310 Ramachandran, H., 584 Ramachandran, J., 372, 374, 660, 679 Ramakrishnan, G., 431 Ramamurthy, L., 830, 831, 853 Ramarao, C. S., 555, 556

Rampal, A. L., 774 Rampersaud, A., 427, 428, 430, 432 Ramsay, D. J., 250 Ramsey, A. L., 846 Ramsey-Ewing, A., 840 Rance, M., 819 Randall, C. J., 459 Randall, L. L., 103-5, 107, 112, 118 Randall, R. R., 656, 658 Randall, S. K., 480, 484, 486, 500 Randall, U. L., 104 Rands, E., 658, 669 Rangnekar, V. M., 292, 304 Rankin, A. J., 244 Ranscht, B., 157, 159, 160, 166, 173 Ransome, K. J., 765 Rao, D. D., 660 Rao, J. K. M., 591 Rao, M. C., 558, 571 Rao, M. R. S., 525 Rao, P. E., 584 Raper, J. A., 157, 173 Rapin, A. M., 27 Rapoport, B., 661 Rapoport, G., 429, 431 Rapoport, R. M., 554 Raport, T. A., 116 Raport, C. J., 362, 364, 367 Rapp, G., 386 Rapp, J., 251 Rappaport, J., 595, 596, 602, 60R Rappersberger, K., 581 Rapport, C. A., 459 Rappuoli, R., 402, 429 Rapraeger, A., 453, 459 Rask, L., 83 Rasmussen, B. A., 103 Rasmussen, H., 244, 251 Rassow, J., 116, 326, 331, 340 Raszeja-Specht, A., 780 Ratcliffe, A., 456 Rathjen, F. G., 157, 159 Rathjen, P. D., 593 Ratner, L., 580, 581, 593, 595, 601, 611 Ratner, N., 459 Raub, E., 459 Rauch, U., 457 Raué, H. A., 195 Raulet, D. H., 250 Rauscher, F. J., 241 Rauscher, F. J. III, 288, 303, 307, 312, 589 Ravel-Chapins, P., 57 Ravensbergen, C. J. C., 214, 215, 223 Ravetch, J. V., 282, 296

Rawlins, D. R., 45, 46 Ray, B. K., 724, 731, 732 Ray, L. B., 740 Ray, P. H., 103, 104, 326, 331, 332 Ray, R. N., 132 Raychaudhuri, P., 727 Raymond, J. R., 660 Raymondjean, M., 836 Rayssiguier, C., 500 Rayter, S., 388 Rea, M. A., 312 Read, E., 580 Read, R. J., 76 Reader, R. W., 403 Rebentisch, M., 388 Reboud, A.-M., 744 Reboud, J.-P., 744 Reckmann, B., 520 Record, T. Jr., 482 Reddy, R., 847 Redfield, R. R., 615 Redini, F., 459 Redman, R., 742 Redpath, N. T., 743 Reed, I. S., 382 Reed, J., 327, 328, 335, 336, 339, 344 Reed, R. R., 362, 363, 366, 371 Reed, S. I., 377, 380, 382, 677, 678, 841 Rees, D. A., 459 Rees, W. D., 762, 763, 772 Reese, C. E., 581 Reeves, R. E., 770 Reffel, A. C., 282, 286, 290, 295, 304 Regan, C. M., 167, 179 Regan, J. W., 656-58, 665-68, 674, 679 Regensburg-Tuink, T. J. G., 428, 432, 434 Reginato, A. M., 457 Register, R. B., 670, 672, 673 Regue, M., 104 Reha-Krantz, L. J., 49-51, 491, 494, 528 Reichardt, L., 160 Reilly, B. E., 48 Reilly, C. F., 464 Rein, A., 590, 591 Reiner, O., 263, 265, 269 Reinhard, P., 492, 515, 540, 545 Reinhardt, H. W., 244, 249 Reinwald, E., 634 Reiser, C. O. A., 743 Reiser, W., 60 Reisfeld, R. A., 453 Reisman, D., 61 Reiter, T., 535, 540

Reitz, M. S. Jr., 591, 616 Reitzer, L. J., 423, 425 Rekosh, D. M. K., 42, 592 Remberger, K., 613 Remeta, D. P., 482 Remington, M. P., 704 Renart, M. F., 691, 694, 700, 704 Reneke, J. E., 677, 678 Renkawitz-Pohl. R., 703 Renlund, M., 258, 261 Reno, D. L., 504 Repaske, M. G., 657 Resendez, E., 835, 839 Resnick, R. J., 394 Retondo, M. J., 50, 528 Reuser, A. J. J., 264, 265, 271 Revelant, O., 291, 292, 304 Revet, B., 61 Revich, G. G., 486 Rey, F., 579, 580 Reyes, A. A., 163, 166 Reyes, G. R., 581 Reyland, M. E., 493, 518, 519, 523 Reynertson, R., 466 Reynolds, R. K., 613 Reynolds-Kohler, C., 581, 611 Rezelman, G., 63 Rhee, L. M., 660 Rhee, S. S., 591 Rhine, J. A., 660 Rhoads, D. B., 103, 104 Rhoads, R. E., 61, 720, 724, 725, 730, 739 Riabowol, K. T., 306, 312 Ricchetti, M., 482, 486 Ricci, S., 50, 57 Rice, A. P., 606 Rice, C. M., 748 Rice, D., 837 Rice, J. A., 480, 481 Rice, M., 103, 104, 108, 110 Rice, N. R., 591 Rice, S. A., 611 Richa, J., 157 Richards, J. H., 115 Richards, O. C., 62 Richardson, C. C., 762 Richardson, N. E., 581, 620 Richman, D. D., 619 Richman, N., 210 Richmond, A., 296 Richter, J. D., 745 Richter-Landsberg, C., 157, 168 Rickles, R., 828 Rico, M., 819 Riddle, D. L., 698, 699, 703 Riddle, L., 619 Riddle, V. G. H., 286, 295, 299 Rider, C. C., 457

Riechmann, J. L., 61 Riedel, H.-D., 516 Rieger, F., 170, 171, 175, 179 Riehl, E., 388 Riesenfeld, J., 447, 459, 461, 466 Riethmüller, G., 157, 181 Riezman, H., 677 Rifkin, D. B., 459 Rigby, J. W., 556 Riggs, P. D., 104, 109 Rijnbout, S., 264, 265 Rijnders, A. W. M., 45 Riley, D., 331, 343 Riley, G. P., 459 Rimon, A., 459 Rine, J., 381 Ringwald, M., 157, 164, 166 Rinke-Appel, J., 195, 201 Riou, J. F., 171, 174, 660 Ripellino, J. A., 453 Ripley, L. S., 482, 485 Risser, R., 585 Rittenhouse, J., 232 Ritter, D., 233 Riva, M., 693, 698-701 Rivera, V. M., 302 Riviere, Y., 597 Rizk, M., 92 Ro. H.-S., 288 Robbins, E., 829 Robbins, P. D., 301 Robenek, H., 452, 456 Robert, G. M., 597 Robert, L., 459 Robert-Guroff, M., 579, 602, 616, 617, 621 Roberts, J. D., 594, 616 Roberts, J. W., 322, 501, 504 Roberts, N. A., 620 Roberts, R. J., 41, 459 Roberts, S. B., 835, 840 Roberts, W. K., 61, 63 Robertson, B. H., 61, 63 Robertson, D. A., 264, 265 Robertson, D. C., 554, 558, 571 Robertson, H. A., 309-12 Robertson, J. M., 207, 210, 211, 214, 221 Robertson, M., 393 Robey, W. G., 597, 599, 617 Robins, A. J., 833, 834, 837, 838 Robins, T., 391 Robinson, A. J., 41 Robinson, D. A., 660 Robinson, D. J., 61, 271, 660 Robinson, E. C., 46 Robinson, H. C., 455 Robinson, J., 453, 457 Robinson, L. C., 391, 392 Robinson, R. A., 588

Robinson, W. S., 59, 612 Robishaw, J. D., 362, 363, 365, 374, 376, 380 Robison, G. A., 655 Robson, B., 813 Rodbell, M., 655 Rodén, L., 444, 446-48, 452, 455, 464-66 Roder, H., 807 Roder, S., 157, 159 Rodgers, L., 391 Rodkey, J. A., 178 Rodriguez, H., 559, 564, 566, 568, 656, 658, 661 Rodstrom, R., 27 Roe, T., 587 Roeder, G. S., 709 Roeder, R. G., 45, 299, 300, 588, 690-92, 694, 700, 704, 828-30, 832, 833, 835-40, 850 Roegner-Maniscalco, V., 499, 502, 504, 505 Roelants, G., 618 Roelofsen, B., 75, 81, 85, 87 Rogers, J., 648 Rogers, Q. R., 732 Rogmann-Backwinkel, P., 57 Rohrer, U., 833, 836 Rohrmann, K., 465 Roise, D., 115 Roitsch, T., 428, 430, 433, 435 Roizman, B., 837 Roles, S. M., 647 Rollins, B. J., 286, 296, 304 Rollo, E. E., 108 Roman, S., 419 Romanos, M. A., 57, 528 Rombouts, R. F. A., 46 Romby, P., 212, 633, 634 Romer, L. H., 157 Romero, A., 56 Roniero, J. C., 250 Rommerskirch, W., 264, 265 Rommerts, F. F. G., 90, 93 Ronda, C., 56 Ronen, A., 482 Ronne, H., 292 Roason, C. W., 402, 425, 426, 430, 432 Rorman, E. G., 263 Rosa, J-P., 454 Rosbash, M., 828, 841 Rose, M. D., 116, 119 Rose, R. M., 581, 582 Roseman, M. A., 84 Roseman, S., 419, 762 Rosemblit, N., 661 Rosen, B. S., 288 Rosen, C. A., 587, 588, 595-97, 604, 606-9, 611, 612 Rosen, D. M., 762, 764 Rosen, J., 646, 647

Rosen, O. M., 294, 295, 740 Rosenbaum, M. L., 581 Rosenberg, L. C., 452, 459 Rosenberg, M., 501, 502, 595, Rosenberg, R. D., 445, 457, 459, 461, 464 Rosenberg, S. M., 149 Rosenberry, T. L., 728 Rosenblatt, J. D., 611 Rosenfeld, M. G., 264, 265 Rosenfeld, P., 44 Rosenfeld, P. J., 44, 45 Rosenthal, A. F., 83 Rosenthal, W., 657, 679 ROSENZWEIG, A., 229-55; 238, 239, 241 Ross, E. M., 352, 658, 666-68, 679 Ross, J., 851-55 Ross, M. E., 312 Ross, P. C., 661 Ross, R. S., 235, 241 Rossa, R., 177 Rossell, R. J., 180 Rosset, R., 222 Rossignol, J.-M., 493, 516 Rossiter, K., 367 Rostand, K. S., 464 Rota, T. R., 581, 582 Roth, A. F., 411, 415, 420, 429, 431 Roth, J., 180 Roth, W. K., 613 Roth, Y.-F., 516, 521 Rothbard, J. B., 160 Rothberg, P. G., 61, 62 Rothblat, G. H., 74 Rothblatt, J. A., 116 Rothenberg, M. E., 454 Rothlein, R., 177, 178 Rothman, J. E., 93, 94, 324, 326, 344, 796 Rothman, R. E., 115 Rotsch, M., 180 Rottier, P., 61 Rouault, T. A., 747 Roubin, R., 168 Roughley, P. J., 452 Rougon, G., 157, 159, 162 Rous, P., 578 Roux, L., 450 Rowe, G., 784 Rowe, H. A., 459 Rowett, L. H., 160 Rowlands, A. G., 723, 727, 732, 741 Rowlands, D. J., 61, 63 Rownd, R. H., 647 Roy, A., 563 Roy, A. L., 723 Roy, C., 429, 434 Roy, C. R., 429

Roy, H., 331, 338 Roy, K. L., 57 Roy, R. N., 234, 556 Roy, S., 604 Rozen, F., 724 Ruben, A., 597 Ruben, G. C., 453, 457 Ruben, S., 596 Rubin, C. M., 726 Rubin, G. M., 661 Rubinfeld, B., 388 Rubino, M. S., 742 Rucknagel, K. P., 749 Ruddell, A., 832 Rudkin, B. B., 300 Rudolph, C. F., 144 Rudolph, F. G., 556 Rudolph, R., 324, 326, 327, 337 Rudolph, U., 362, 367 Ruegg, M. A., 157 Ruenwongsa, P., 89 Ruet, A., 700 Ruhlman, C., 307 Rumrich, G., 781 Rundquist, C., 742 Runquist, E. A., 83, 87, 88 Runswick, M., 294, 299, 300 Ruoho, A. E., 668 Ruoslahti, E., 173, 444, 445, 452, 454-57, 461, 464, 465, 612 Rupp, K., 264, 265 Rupp, W. D., 504 Ruppert, C., 158 Ruppert, S., 292, 293, 305, 837 Rusak, B., 312 Ruscetti, F. W., 579 Rusche, J. R., 601, 608, 609, 615 Rush, J., 50, 51, 528 Ruskoaho, H., 232, 237, 245-47 Russ, M. A., 739 Russell, C. B., 415, 420 Russell, D. A., 747 Russell, D. W., 362, 723 Russell, R. J. M., 743 Russell, W. C., 41, 42 Russo, A. F., 405, 406 Rutgers, T., 61 Rutishauser, U., 155, 161, 162, 167, 169, 170, 174, 180 Rutka, J. T., 581 Rutledge, L. J., 560 Rutter, W. J., 288, 691, 700, 706 Ryan, J. P., 108 Ryan, W., 587, 588 Ryazanov, A. G., 743, 744 Ryba, N., 676 Rychlik, I., 214 Rychlik, W., 720, 739

Rydel, J. J., 417 Ryden, T. A., 588 Ryder, K., 288, 289, 293-95, 310, 839 Ryder, T., 646, 647 Ryseck, R.-P., 288, 289, 292, 293, 295, 296, 305, 309

S

Saadi, S., 646, 647 Saag, M. S., 614 Saavedra, J. M., 556 Sabatini, D. D., 264, 265 Sabatino, R. D., 515, 517-19 Saborio, J. L., 749 Sacchettini, J. C., 83 Sache, E., 464 Sachs, A. B., 746, 854, 855 Sackett, J. W., 515 Sadaie, M. R., 588, 596, 602, 608, 611 Sadhale, P. P., 853 Sadler, J. E., 454, 457 Sadler, L. A., 846 Sadoul, K., 160 Sadoul, R., 162, 163, 165, 167 Safer, B., 721, 723, 727, 732 Saffen, D. W., 310, 311 Sagar, S. M., 311, 312 Sagawa, K., 579 Sage, G. W., 807, 814 Sager, R., 296 Sagher, D., 484, 486, 489, 498 Saheki, S., 560, 571 Saheki, T., 248, 557, 566 Sai, S., 452, 457 Sairam, M. R., 557 Saito, H., 157, 168, 428 Saito, T., 48, 49, 676 Saito, Y., 233, 234, 236, 244, 246, 569 Saitoh, T., 458 Saji, M., 661 Sajovic, P., 660 Sakagami, T., 75 Sakaguchi, K., 56, 57 Sakai, A., 57 Sakai, K., 581 Sakakura, T., 171 Sakeki, S., 560, 571 Sakmar, T. P., 669, 670 Sako, T., 103 Saksela, O., 459 Saku, T., 453 Sakura, H., 289 Sakuraba, H., 270 Sakuragawa, Y., 232 Sakurai, T., 661 Salahuddin, A., 808, 813 Salahuddin, S. Z., 580-82, 611-13 Salans, L. B., 765, 769

SALAS, M., 39-71; 41, 47-57, 59, 493, 528, 532 Salazai, F. H. R., 590, 593 Salazar, J., 250 Sale, G. J., 673 Salerno-Rife, T., 61 Salesse, R., 661 Salfeld, J., 599 Salomatina, I. S., 704 Salon, J., 660 Salzer, J. G., 157 Salzman, L. A., 128 Samac, D. A., 57 Sambrook, J., 328, 331, 342 Samiy, N., 391 Samle, S., 526 Sampaio, L. O., 452 Sampson, L. L., 132 Samuel, K. P., 597 Sanchez, E. R., 331, 343 Sanchez-Pescador, R., 593 Sandberg, H., 459 Sandell, L. L., 486, 493 Sanders, D. A., 352, 415, 418, 421, 429 Sanders, L., 297 Sanders, R. L., 118 Sanders, S. L., 116 Sanderson, M. R., 51, 495, 532 Sanderson, P. N., 460 Sanderson, R. D., 445, 453, 462 Sandgren, E., 461 Sandhoff, K., 258, 260, 263, 265-67, 270, 271 Sanes, J. R., 170, 175, 179 Saneyoshi, M., 516 Sanford, J., 362, 367 Sanford, T., 691 Sangar, D. V., 61, 63 Sanger, F., 127, 132 Sangwan, I., 610 Sant, A. J., 451, 454, 455 Santarén, J. F., 295 Santer, M., 197, 212, 220, 221 Santiago, T. C., 326 Santocanale, C., 521, 527, 531, 538, 539 Santoni, M.-J., 158, 160, 161, 165 Santoro, J., 819 Santoro, M. M., 808 Sapier, C. B., 242 Sapotsky, M. V., 61 Sar, S., 661 Sarngadharan, M. G., 579, 580, 590, 591 Sarda, I., 234 Sariban, E., 852 Sarkar, G., 732 Sarkar, H. K., 764 Sarkar, S. N., 485, 735

Sarma, V., 282

Sarnow, P., 726 Sarver, N., 597, 621 Sasai, Y., 660, 661 Sasaki, M., 452, 453, 455-57 Sasaki, S., 103, 108 Sasaki, T., 75, 389 Sass, P., 391 Sassanfar, M., 501, 504 Sasse, J., 459 Sasse-Dwight, S., 425 Sassone-Corsi, P., 288, 301, 302, 460 Sastre, L., 691, 694, 700, 704 Satake, M., 592 Satchwell, S. C., 528, 532, 661, 680 Sathyanarayana, B. K., 591 Satler, C. A., 724 Sato, H., 289, 309 Sato, M., 289, 309 Sato, T., 104, 105, 119 SATOH, T., 349-400; 386, 387, 390, 393 Sattler, F., 59 Sauer, R. T., 103, 133, 331, 334, 336, 796 Saulino, A., 393 Saumitou-Laprade, P., 57 Saunders, P. T., 660 Saunders, S., 453, 455, 457, 459 Saurin, W., 614, 615 Savelli, B., 429, 434 Savilahti, H., 50, 55 Sawadogo, M., 588, 690, 692 Saxe, C. L., 384 Saxe, C. L. III, 661 Saxén, L., 462 Saxena, U., 462 Scacheri, E., 531 Scadden, D., 583 Scafe, C., 690, 692, 698, 699, 707, 712 Scallen, T. J., 75-77, 79, 80, 90-93 Scarborough, R. M., 233, 248, 557, 560, 566 Scarlato, V., 429 Scarpa, M., 644 Scattergood, W., 670 Schaap, T., 829, 832, 840 Schaaper, R. M., 482-86, 489, 492, 496, 497 Schaber, M. D., 386, 388-90, 303 Schacher, S., 312 Schachner, M., 157, 159-61, 163-65, 167, 168, 171, 174 Schafer, I. A., 461 Schafer, J. A., 787 Schafer, M., 268 Schafer, W. R., 381 Schaffer, P. A., 532

Schaffner, A. R., 698 Schaffner, G., 848 Schaffner, W., 837, 838 Schall, T. J., 296 Schallenberg, J., 698, 699 Schaller, H., 60, 61, 63 Schanker, H. M., 579 Schappert, K. T., 700, 712 Schatz, G., 113, 115, 116, 332, Schatz, P. J., 104, 109 Schaufele, F., 847, 849 Schaufele, F. J., 849 Schawaller, M., 595 Schechter, N. M., 44 Schecter, A. N., 816 Scheidereit, C., 837, 838 Schein, C. H., 344 Schekman, R., 94, 115, 116, 331, 342, 796 Schellman, J. A., 810 Schenk, D., 236, 560 Schenk, D. B., 248, 557, 566 Schenk, P., 581 Scher, C. D., 286 Scheraga, H. A., 808, 817, 819 Scherberg, N., 735 Scherer, H., 157, 159 Scherer, N. M., 660 Schermoly, M. J., 84 Schertz, K. F., 57 Scheuer, D. A., 250 Scheuermann, R., 483, 491, 495 Scheuermann, R. H., 492, 495, 501, 502, 504 Schevitz, R. W., 137 Schfidereit, C., 588 Schick, P. K., 447, 453 Schiebel, E., 103-6, 108-10, 112, 113, 115, 117-19 Schiebinger, R. J., 245 Schiffrin, E. L., 231, 232, 243 Schiller, P. W., 232 Schilling, J. W., 248, 560, 561 Schilperoort, R. A., 428, 432, 434 Schimmel, P. R., 633 Schindler, D., 741 Schindler, R., 831, 849 Schirmer, N. K., 743 Schlaffer, I., 829, 832 Schlegel, U., 524, 525 Schleif, R., 690 Schleif, W. A., 591 Schlenstedt, G., 115 Schlesinger, M. J., 104, 331, 343 Schlessinger, D., 195 Schlessinger, J., 389 Schleyer, M., 116 Schlichting, I., 386 Schlossman, S. F., 157, 168

Schmelz, M., 178 Schmid, J., 296 Schmid, S. L., 326 Schmidt, A., 306, 464 Schmidt, B., 115, 259, 264, 265 Schmidt, E., 239 Schmidt, F., 197, 211 Schmidt, F. X., 324, 326, 332 Schmidt, G., 452, 456, 457 Schmidt, H. H. H. W., 559 Schmidt, M. G., 108, 337, 838 Schmidt, O., 177 Schmidt, U. M., 778 Schmidtchen, A., 451-53, 466 Schmidt-Zachmann, M. S., 331, 333 Schmiegelow, P., 181 Schmitt, J., 44, 291, 292, 304 Schmitz, G., 258, 261 Schnaar, R. L., 484, 491, 498 Schneider, C., 283 Schneider, H., 115 Schneider, J., 620 Schneider, R. J., 742, 749 Schneiderman, M. H., 830, 831, 853 Schneuwly, S., 383 Schnier, J., 223, 727 Schochetman, G., 616 Schofield, P. R., 157, 660 Schofield, T. L., 390 Schol, D. J., 180 Scholander, E., 461 Scholz, K. P., 312 Schonthal, A., 302 Schoolnik, G. K., 558, 571 Schotz, M. C., 459 Schram, A. W., 258-60, 263 Schramm, M., 655 Schreiber, E., 838 Schreier, M. H., 723 Schrier, R. D., 582 Schröder, M., 268 Schröder, W., 259, 264 Schroeder, F., 80, 92 Schroeder, R., 458 Schroff, R., 579 Schröter, H., 299, 300, 302 Schubert, D., 287, 458, 459 Schubert, J. D., 463 Schuch, U., 161 Schuchman, E. H., 264, 265, 274 Schuermann, M., 289, 309 Schuh, R., 157, 166 Schüler, D., 201, 203 Schultz, A. M., 591 Schultz, G., 554, 559, 657, 679 Schulz, S., 248, 249, 556, 559, 561, 563, 566, 568-71 Schulze, H., 198 Schulze, T., 592, 594

Schulz-Knappe, P., 232 Schumperli, D., 828, 830, 831, 847-50, 853, 856 Schupbach, J., 580 Schuster, H., 646, 647 Schuster, S. M., 264, 265, 267 Schuster, T., 828, 829 Schutgens, R. B. H., 76, 77, 90 Schutt, C. E., 417, 418 Schütte, J., 289, 308 Schütz, G., 306 Schuyler, G. T., 76, 79, 86, 94 Schwab, M. E., 173 Schwartz, B. D., 451, 454, 455 Schwartz, D., 231, 235, 236, 244 Schwartz, J. C., 660 Schwartz, K., 157, 250, 554, 557, 566 Schwartz, L. B., 691 Schwartz, M., 118 Schwartz, N. B., 455 Schwartz, R. T., 595 Schwartz, S. M., 157, 596, 598, 599, 602-4 Schwartz, W. J., 312 Schwarz, H., 118 Schwarz, K., 452, 456 Schwarz, L. A., 294 Schweiger, M., 131, 142 Schweizer-Groyer, G., 331, 343 Schwelberger, H. G., 78 Schwinn, D. A., 656, 658 Sciaky, D., 528 Sclafani, R., 843 Scoggins, B. A., 250 Scolnick, E. M., 382, 386-88, 390-92 Sconzo, G., 847 Scott, G. K., 232 Scott, J. A., 243 Scott, J. E., 448, 455, 456 Scott, P., 452 Scott, R. L., 803 Scriver, C. R., 258 Scudder, P. R., 762 Sealey, J. E., 231 Searles, L. L., 695 Searles, R. P., 660 Sebastian, J., 691, 694, 700, 704 Sedee, N. J. A., 428, 432, 434 Sederoff, R. R., 57, 59, 528 Sedgwick, B., 498 Sedgwick, S. G., 500 Sedwick, W. D., 516 Seeburg, P. H., 382, 660 Seed, B., 177, 454, 456, 584 Seeger, C., 59, 60 Seeger, M. A., 157, 176 Seetharam, R., 231, 243 Segal, S., 289, 308

Segall, J. E., 404, 406, 421, 422 Segrest, J. P., 667 Sehgal, R., 168 Sei, C. A., 246 Sei, K., 425 Seidah, N. G., 231 Seidel, J., 264, 265 SEIDMAN, C. E., 229-55; 231, 232, 235, 236, 238-42 Seidman, J. G., 232, 236, 238, 239, 241, 242, 362, 365 Seighman, C., 540 Seiler, S., 649 Seiler-Tuyns, A., 829, 832 Seilhamer, J., 231, 232 Seilhamer, J. J., 232, 233, 557 Seilheimer, B., 163, 168 Seino, S., 764 Seino, Y., 764 Seipke, G., 232 Seki, T., 428 Sekiguchi, M., 491, 496-98 Sekimizu, K., 698 Selby, M. J., 604-6 Selcer, R. R., 273 Seldin, D. C., 448 Seljelid, R., 462 Seltman, H., 92 Selvaraj, S., 238, 239 Selzer, G., 638, 642, 645 Semenza, G., 778, 782, 784 Semisotnov, G. V., 813, 814 Semler, B. L., 61, 62 Semmes, O. J. IV, 539 Sender, L. S., 274 SenGupta, D. N., 492, 515, 516, 530 Sengupta, P., 300 Senior, B. W., 205, 213 Seno, N., 448 Seno, T., 516 Senogles, S. E., 679 Sentenac, A., 690, 692, 695, 698-701, 704, 706 Serafin, W. E., 459 Serafini, T. A., 93, 94 Serrano, M., 52, 53 Serventi, I. M., 362, 367 Seth, A., 597 Seto, D., 615 Seto, P., 661 Seto, Y., 516, 527, 528 Setoyama, C., 288 Sevarino, K. A., 289 Severini, M., 211 Severinov, K. V., 743 Sexton, J., 712 Seyama, Y., 29 Seyfert, V. L., 306 Sezer, O., 563 Shah, N. P., 611

Shahabuddin, M., 61

Shakhnovich, E. I., 816 Shales, M., 692, 693, 695, 699, 703, 711 Shanahan, M. F., 762 Shanks, M., 61, 63 Shaper, J. H., 157 Shapiro, E., 273 Shapiro, L. J., 258, 273, 527 Shapiro, R. A., 660, 661 Sharir, H., 306 Sharma, A., 833, 835, 838, 839 Sharma, R. K., 248, 249, 558, 660 Sharp, F. R., 311, 312 Sharp, J. W., 311 Sharp, P. A., 41, 238, 606, 607, 610, 649, 690, 710, 836, 838 Shastry, B. S., 691, 694, 700, 704 Shatkin, A. J., 737 Shaw, B. D., 128 Shaw, G., 303, 617 Shaw, G. M., 581, 584, 593, 615, 617 Shaw, J. G., 61 Shaw, J. P., 589 Shaw, K., 611 Shaw, P. A., 240 Shaw, P. E., 299, 300, 302 Shearer, G. M., 580 Sheffery, M., 836 Shen, Z., 205, 218 Shenbagamurthi, P., 728 Sheng, M., 300-5, 308-10 Shenk, T., 742, 749, 853 Shepherd, V. L., 273 Sherley, J. L., 523 Sherman, F., 853 Sherman, P. A., 594 Sherratt, D., 643 Shestakova, E. A., 743 Shi, D. L., 171, 174 Shiba, K., 104, 109, 646, 647 Shibasaki, H., 367 Shibasaki, Y., 765 Shibata, R., 600 Shibazaki, Y., 240 Shichi, H., 673 Shields, P. P., 243, 245, 246 Shiels, A., 833, 840 Shiga, M., 454, 455, 461 Shigemoto, R., 660 Shigeru, T., 237 Shih, M. F., 48, 49 Shilling, J., 331, 341, 342 Shimabukuro, J. M., 580 Shimada, K., 296, 459 Shimada, T., 621 Shimaji, M., 57 Shimamura, K., 160 Shimasaki, C., 583 Shimizu, H., 579

Shimmoto, M., 270 Shimoda, N., 428, 432 Shimomura, H., 555 Shimonaka, M., 248, 557, 566 Shimonishi, Y., 558 Shimosato, Y., 180 Shimoyama, Y., 180 Shinagawa, H., 419, 428, 430, 434, 435, 500, 501 Shinagawa, M., 41, 45 Shinder, G., 130, 131, 133, 135, 138, 145 Shine, J., 197, 205 Shinjo, M., 248, 249 Shinohara, T., 374, 673 Shinomura, T., 452 Shinoura, Y., 499 Shinozuka, K., 621 Shioda, M., 516 Shioi, J., 410 Shiono, S., 246 Shiozuka, K., 104, 113, 119, 120 Shipley, J. M., 264, 265 Shirayoshi, Y., 157, 159, 160, 162, 163 Shirley, B. A., 800, 810 Shirota, K., 157, 163, 181 Shishido, K., 57 Shivers, B. D., 660 Shlensky, A. B., 362 Shneidman, P. S., 45 Shooter, E. M., 282, 290, 291, 297-99 Shore, E. M., 164 Shore, J. D., 459 Shorr, R. G. L., 657 SHORTLE, D., 795-825; 799, 800, 807, 808, 810-12, 820 Shortridge, R. D., 383 Showman, R. M., 828, 832 Shows, T. B., 264, 265, 292, 305, 308, 659, 660, 668 Shu, L., 43 Shubeita, H. E., 237, 240, 241 Shubin, V. V., 331, 335 Shuler, M. L., 645 Shull, R. M., 273 Shuman, H. A., 104 Shur, B. D., 157 Shyu, A.-B., 303 Sia, R., 596, 608 Sia, R. A., 599 Siaw, M. F. E., 61 Sibley, D. R., 660, 672, 675 Sidikaro, J., 214 Sidiropoulos, D., 372 Siebenlist, U., 282, 291, 296, 305, 308 Siedlecki, J. A., 535, 545 Siegal, F. P., 579 Siegel, L. J., 595 Siegel, N. R., 231

Siegel, R. B., 196 Siegele, D. A., 128, 133, 135, 144, 146, 150 Siegfried, Z., 300 Siegmann, M., 737, 740 Siekevitz, M., 588, 611 Sierra, F., 828, 830, 840 Sigal, I. S., 382, 386, 388, 390-92, 660, 666-70, 672, 673 Sigler, P., 711 Sigman, D. S., 606 Sigmund, C. D., 195, 216-18 Sikder, S. K., 457 Silberberg, D. H., 179 Silbert, J. E., 459 Silen, J. L., 331, 332 Silhavy, T., 103, 104, 109 Silhavy, T. J., 104, 105, 107, 110, 118, 331, 335, 426-28, 430-32, 435 Silver, J., 167, 585 Silver, P., 104, 117 Silverberg, I., 450, 461 SILVERMAN, M., 757-94; 403, 421, 773, 780, 781, 783, 784, 786 Silverman, P. M., 428 Silverman, R. H., 604 Silvio, S., 515 Simchen, G., 841 Siminovitch, L., 132, 143 Simister, N. E., 250 Simmons, D., 177 Simmons, D. L., 178, 283, 291, 296, 297 Simms, S. A., 420, 435 SIMON, M. I., 401-44; 357, 362, 367, 369, 371, 373, 374, 376, 380, 381, 402, 403, 405, 406, 408-12, 420, 429-31, 435 Simon-Chazottes, D., 166 Simonds, W. F., 374, 375 Simonenko, P. N., 743 Simonet, P., 57 Simonetti, J., 633 Simoni, R. D., 74 Simonis, S., 454 Simons, C., 362-65 Simons, J. W., 157, 181 Simons, R. W., 645-48 Simonson, M. S., 249 Simpson, E. M., 712 Simpson, E. R., 91, 93 Simpson, I. A., 765, 769 Simpson, P. C., 240 Simpson, R. B., 712 Simske, J. S., 298 Sinay, P., 460 Sinclair, A., 633 Singer, B., 484, 486, 491, 498 Singer, R. A., 844

Singer, S. J., 90 Singh, B., 331 Singh, G., 248, 249, 559, 566, 568, 569 Singh, H., 89, 516 Singh, S., 248, 249, 559, 560, 564, 566-69 Singhal, R., 523 Sinha, N. K., 492, 502, 504 Sinning, J. G., 218 Sinsheimer, R. L., 127, 128 Sippy, J., 128, 131, 149 Sirkin, E. R., 737 Sirois, D., 232 Sisodia, S. S., 749 Sista, H., 557, 566 Sitaramayya, A., 673, 675 Sitikov, A. S., 743 Sitney, K. C., 514, 515, 517, 522, 523, 540 Sittman, D., 828 Sittman, D. B., 830, 850 Siu, C.-H., 176 Siu, G., 177 Sivak, A., 290 Sivak, L. E., 454 Sive, H. L., 829, 830, 832, 835, 837, 838, 850 Sjöberg, E. M., 453 Skalka, A., 126, 128, 142, 148 Skalka, A. M., 589, 591, 610 Skarnes, W. C., 282, 290, 291, 493 Skehel, J. J., 595 Sköld, S., 211 Skomorowski, M. A., 267 Skopek, T. R., 485 Skoultchi, A. I., 850, 851 Skowronski, S., 516 Skowyra, D., 331, 343 Skubitz, A. P. N., 459 Slamon, D. J., 611 Slauch, J. M., 426, 427, 431 Slaughter, C. A., 376, 668 Sleight, R. G., 74, 93 Slepak, V. Z., 362 Sligh, J., 581 Slilaty, S. N., 502 Sloane, D. L., 482, 483, 486, 488, 489, 491, 497 Slobin, L. I., 728 Sloof, P., 223 Slot, J. W., 765 Slotboom, A. J., 83 Sluder, A. E., 692 Sly, W. S., 258, 261, 262, 264, 265 Smalberg, I. S., 611 Small, E. W., 817 Small, S. J., 160 Smart, J. E., 42, 43, 50 Smeal, T., 241, 303

Smialek, J. E., 648

Smigel, M. D., 362, 363 Smirnov, Y. V., 699 Smith, A., 554 Smith, A. J., 592 Smith, C. A., 545 Smith, C. G., 459 Smith, D. F., 331, 334, 343, 362, 371 Smith, D. H., 581, 583, 593, 604, 620, 660 Smith, E. B., 21 Smith, F. I., 268, 269, 272 Smith, G. E., 595 Smith, I., 429 Smith, J. A., 232, 235, 236, 362, 365 Smith, J. L., 698, 706 Smith, J. R., 273 Smith, K., 725 Smith, L. D., 745 Smith, M. G., 128, 709, 841, 843 Smith, M. M., 828-30, 841, 842, 853 Smith, M. R., 387, 739 Smith, P. L., 554, 558, 571 Smith, R. A., 412, 415 Smith, S. S., 691 Smith, T. F., 601, 616, 617 Smith, T. M., 310 Smith, W. P., 104 Smit-McBride, Z., 720, 727 Smits, J. F. M., 250 Smrt, J., 52 Snaar-Jagalska, B. E., 384 Snajdar, R. M., 248, 249, 251, 557, 558, 566 Snider, G. L., 582 Sninsky, J., 614, 615 Snow, A. D., 458 Snow, P. M., 157, 163, 167, 174, 176 Snyder, G. H., 810 Snyder, S. H., 232, 243, 559 Snyder, U. K., 142 Snyderman, R., 362, 365, 371 So, A. G., 492, 515, 517-19, 523, 540, 541 Soberman, R. J., 454 Soberon, X., 103 Sockett, R. E., 423 Söderström, G., 459 Sodja, J., 428, 435 Sodroski, J. G., 587-91, 594-96, 599-601, 604, 608, 609, 611 Soff, G., 457 Sogo, J. M., 47, 48 Sokoloff, P., 660 Solaiman, D., 701 Soldati, D., 848 Söll, D. G., 633-35 Soliner, T., 116, 326, 331, 340 Sollner-Webb, B., 837 Solovjera, N. A., 331, 335 Solski, P. A., 381 Solter, D., 157 Som, T., 638, 642, 643, 645 Somerharju, P. J., 75, 77, 81, 82, 84, 86, 88 Somers, D. E., 367, 383, 384 Somers, R. L., 673, 674 Sommarin, Y., 452 Sommer, A., 459 Sommer, B., 660 Sommer, D., 282, 290, 291 Sommer, I., 167 Sondek, J. E., 810 Sonderegger, P., 157 Sonderfeld-Fresko, S., 262 Sonenberg, N., 604, 720, 724-26, 731, 732, 739, 744, 746 Song, D.-L., 567 Soni, A., 482, 485 Sonigo, P., 593, 601 Sonnenberg, H., 231, 242, 251, 554, 556 Sonnenberg, J. L., 241, 289, 309, 310, 312 Soparkar, S., 373, 375 Sor, F., 57 Soravia, E., 264, 265 Sorbera, L. A., 237 Sorge, J., 268, 269, 274 Soriano, F., 47, 55, 59 Sorkin, B. C., 157, 166, 167 Sorrell, J. M., 461 Sorrell, S. H., 263 Soultanakis, E., 596, 606, 611 South, T. L., 590 Southgate, C., 605, 606 Sowder, R. E., 601 Sowers, L. C., 480-82, 485, 486, 493, 498 Spada, A., 361, 369, 372, 373, 681 Spadari, S., 515, 519 Spahr, P.-F., 590, 634 Spain, B. H., 534, 540 Spana, C., 704 Spangler, E. A., 209, 214 Spardari, S., 492 Sparks, K. J., 456 Sparks, R. S., 560 Sparrow, D. A., 459 Sparrow, J. T., 459 Spatrick, P., 677 Spear, P. G., 459, 464 Speight, P., 780 Spence, M. W., 258, 260 Spengler, S. J., 484, 486 Speyer, J. F., 484, 491 Spicer, E. K., 50, 528 Spiegel, A. M., 362, 366, 367, 374, 375, 383, 679

Spiegelman, B. M., 288 Spiegelman, G., 429, 431, 434 Spirin, A. S., 194, 208, 736 Spiro, R. C., 453 Spitzer, A. R., 619 Spolar, R. S., 482 Spooncer, E., 459 Sprague, G. F. Jr., 300, 380, 661, 676, 677 Sprecher, C., 851 Spremulli, L. L., 723 Sprengel, R., 60, 661 Spring, J., 171 Springer, M. S., 405, 420, 421 Springer, T. A., 157, 161, 162, 177, 178 Springer, W. R., 406 Sprinzl, M., 743 Spudich, J. L., 404, 422 Spurio, R., 211 Spurr, N., 166 Sreedharan, K., 282, 290, 291 Sreenath, T. L. V., 394 Srinivas, R. V., 595 Srinivasan, A., 588, 593, 597, 616 Srinivasan, S. R., 459 Srivastava, A. K., 249, 557 Srivastava, S. V., 386, 389 SriWidada, J., 199 Stachel, S. E., 402 Stade, K., 201 Stadel, J. M., 657 Stadler, J., 157, 176 Stachelin, T., 198, 723, 736, 741 Stahl, D. A., 196 Stahl, F. W., 149 Stahl, H., 516 Stahl, M. M., 149 Stahl, P. D., 273 Stam, J. C., 57 Stamenkovic, I., 454, 456 Stamenkovich, D., 291, 310 Stanbridge, E. J., 181 Standaert, D. G., 236, 240 Standart, N., 736, 745, 854 Staniszewski, C., 672, 679 Stankowski, L. F. Jr., 485 Stanley, J., 61, 63 Stanley, K., 453 Stanners, C. P., 157, 163, 181 Stanssens, P., 810 Stanwick, T. L., 586, 587 Starbuck, M., 288 Starcich, B., 593 Starcich, B. R., 617 Stark, G. R., 282 Stark, M. J. R., 57, 528 Starosta, R., 459 Staskus, K., 601 Staub, A., 421, 836 Stauber, C., 831, 849, 850

Staudt, L., 837 Staunton, D. E., 157, 161, 162, 177, 178 Steckel, F., 263 Steele, R. H., 459 Steen, M-L., 454, 455, 466 Steenbergh, P. H., 41 Steer, C. J., 457 Steger, H. F., 116 Steimer, K. S., 585, 590, 593 Stein, B. S., 581, 585, 586, 839 Stein, C., 264, 265 Stein, G. S., 828-31, 833, 834, 836, 839, 840, 850, 853 Stein, J. L., 828-31, 833, 834, 836, 839, 840, 850, 853 Steinberg, T. H., 691, 709, 710 Steinborn, G., 499 Steinbrich, R., 584 Steiner, D. F., 735 Steiner, G., 199, 200, 206 Steinhelper, M. E., 250, 251 Steinheuer, D. A., 615 Steitz, J. A., 197, 322, 847, 848 Steitz, T. A., 51, 495, 496, 527, 532, 771 Stempien, M. M., 593 Stenflo, J., 454, 462 Stengel, D., 380 Stenlund, A., 45 Stenzel, M., 588, 589 Stenzel, T. T., 140 Stephans, J. C., 457 Stephens, A. W., 459 Stephenson, F. A., 75 Stephenson, F. H., 646 Stephenson, P., 853 Stern, C. D., 173 Stern, D., 445, 461 Stern, S., 193, 195, 202, 203, 209, 211, 221, 223, 224 Sternberg, D. A., 408 Sternberg, N., 126, 128, 130-32, 138, 139, 142, 143, 147, 149 Sternweis, P. C., 357, 374, 375, 381 Stevens, A. M., 294 Stevens, B. R., 782, 786 Stevens, J. G., 648 Stevens, R. L., 448, 454, 455, 459, 466 Stevenson, M., 581, 586, 587 Steward, J. M., 819 Steward, W. P., 447, 448 Stewart, C., 829, 832, 833, 840 Stewart, E., 736 Stewart, G. J., 273 Stewart, R. C., 403, 405, 406, 408, 409, 411, 415, 420, 422, 429, 431

Stewart, T. E., 464, 465 Stewart, V., 428 Steyaert, J., 810 Stibitz, S., 429, 434 Stiefel, V., 80 Stiege, W., 201, 203 Stiegler, P., 196, 633, 634 Stier. P., 296 Stigter, D., 817, 818 Stiles, C. D., 282, 286, 287, 290, 295, 296, 304 Stiles, D. P., 581 Stillman, B. W., 41-46, 50, 514, 517, 523-26, 540-42, 855 Stimac, E., 830, 850 Stingl, G., 581 Stirling, J., 262 Stites, W. E., 812 St. John, T., 454 Stock, A. M., 402, 410, 411, 417, 418, 421, 425, 426, 429-31, 434, 435 Stock, J. B., 402, 406, 410, 411, 417, 418, 420, 421, 425-31, 434, 435 Stockman, T., 235, 236 Stodola, J. D., 813, 816 Stoeckle, M. Y., 296 Stoeckli, E. T., 157 Stofko, R. E., 660 Stollar, B. D., 698 Stone, D. E., 382 Stone, K. L., 51 Stone, K. R., 660 Stone, S. R., 462 Stone, W. C., 674, 675 Stoolman, L. M., 157 Storb, R., 274 Stormann, T. M., 660 Storms, R. K., 841, 843 Stout, V., 428, 434 Stover, E. W., 762 Stow, J. L., 679 Stow, N. D., 46, 47 Strader, C. D., 658, 666-69, 672, 673 Strader, D. J., 380, 656, 658, Stragier, P., 429, 434 Stramm, L. E., 274 Strange, P. G., 407 Strasser, R. H., 672, 673 Strathern, J., 391 Strathmann, M., 357, 362, 367, 655, 656 Stratowa, C., 157, 177 Straus, S. E., 648 Strauss, B., 484, 486, 489, 498 Strauss, B. S., 484, 486, 498 Strauss, E. G., 748

Strauss, J. F., 91, 93

Strauss, J. H., 748

Strauss, P., 516, 539, 545 Strebel, K., 61, 63, 599-601 Strehl, L. L., 91, 93 Streisinger, G., 482 Streit, P., 157 Streuli, M., 157, 168 Strich, B., 306 Strijland, A., 259, 263 Striker, G., 633, 634 Stringer, K. F., 690 Strittmatter, S. M., 667 Strobl, J., 306 Strosberg, A. D., 660, 667, 679, 680 Stroud, R. M., 376 Strub, K., 829, 840, 848 Strube, M., 765, 766 Struhl, K., 288, 690 Strulovici, B., 658, 672 Stryer, L., 655, 657, 667 Stubblefield, B. K., 268, 269 Studier, F. W., 197 Stuhlsatz, H. W., 448, 450 Stuitje, A. R., 57, 648, 749 Stuiver, M. H., 45 Stumper, J., 263, 265, 270 Stumpo, D. J., 293 Stunnenberg, H. G., 44, 291, 292, 304, 848 Sturgill, T. W., 740 Sturm, R., 834, 838 Sturm, R. A., 836, 838 Styles, C., 692 Su, W., 425 Su, Y. L., 237, 239, 240 Subers, E. M., 660, 661 Subramanian, T., 597 Suchi, M., 265 Suchi, T., 534, 579 Sudhalter, J., 459 Sudo, T., 289 Sudoh, T., 232-34, 236, 556, 557, 569 Suga, T., 80 Sugahara, K., 450 Sugai, S., 807, 814, 815 Sugano, S., 296 Sugarman, B. J., 833 Sugawara, A., 246 Sugimoto, K., 110, 362, 371, 376, 380, 660 Sugimoto, N., 633, 634 Sugimoto, Y., 389 Sugino, A., 48, 482, 486, 514, 515, 517, 529, 533, 540, 544 Sugisaki, H., 110 Sukegawa, K., 272 Sukhatme, V. P., 240, 241, 282, 290-94, 303, 304, 306, 307, 310 Suki, W. N., 362, 366 Sukrow, S., 592

Sullivan, K., 362, 371, 523 Sullivan, K. A., 362, 369, 373, 374 Sultanakis. E., 604 Summers, J., 59 Summers, J. W., 60 Summers, M. F., 590 Summers, R. G., 118, 119 Summers, W. C., 485 Sumner-Smith, M., 130, 132 Sumrada, R. A., 589 Sun, T. J., 384, 661 Sun, X., 459 Sunahara, R. K., 660 Sundararajan, T. A., 27 Sundblad, G., 450 Sundelin, J., 83 Suomalainen, H. A., 527 Suomensaari, S., 515, 517 Susi, H., 819 Sussenbach, J. S., 41, 44, 45 Susskind, M. M., 646, 647 Sutherland, E. W., 554, 655 Suzuki, H., 362, 371 Suzuki, K., 258, 260, 263-68, 270, 274, 366, 454, 457, 765 Suzuki, M., 248, 458, 557, 711 Suzuki, N., 554, 555 Suzuki, R., 516 Suzuki, S., 451-53, 461 Suzuki, T., 289, 309 Suzuki, Y., 258, 260, 267 Svahn, C.-M., 459 Svalander, P. C., 168 Svensson, P., 195, 223 Swanstrom, R., 586, 593 Swartz, M. N., 484 Swarup, R., 362 Sweadner, K. J., 157 Sweasy, J. B., 499, 502, 504, 505 Sweeney, C., 460 Sweetser, D., 331, 334, 343, 693, 695, 698, 699, 704, 711 Swidersky, U. E., 108 Sykes, B. D., 810 Symons, M. C. R., 770 Synder, M., 514, 515, 540 Syvänen, A. C., 271 Syvanen, M., 127, 131, 146, 147 Syväoja, J., 492, 515, 517, 519, 522 Szabo, G., 657 Szekely, A. M., 310 Szeto, D., 425, 426, 431, 435 Szklut, P. J., 656, 658 Szkutnicka, K., 766 Szolderits, G., 77, 78, 80, 84, 88

Szpirer, J., 128, 148 Szyszko, J., 545

Taatjes, D. J., 180 Tabarini, D., 740 Tabor, S., 762 Tachias, K., 110 Tacke, R., 157, 159 Tada, H., 61, 63, 608 Tager, J. M., 263 Taguchi, H., 462 Tai, P.-C., 103, 104, 112 Tai, S. P., 77, 78 Taijma, K., 579 Takagi, Y., 236, 246 Takahashi, H., 362, 364, 428, 660 Takahashi, J. S., 312 Takahashi, K., 367

Takahashi, M., 103 Takahashi, N., 816 Takahashi, T., 82 Takahasi, H., 376, 380 Takai, Y., 389 Takaku, F., 235, 240, 765 Takakura, Y., 661

Takanami, M., 110 Takano, H., 50 Takano, T., 331, 335 Takao, M., 661 Takao, T., 357, 381

Takashima, K., 80 Takata, S., 236, 246 Takatsugu, K., 237 Takatsuki, K., 579

Takayanagi, R., 231, 232, 236, 240, 243, 248, 249, 557, 558, 566

Takeda, J., 758, 763, 778 Takeda, N., 62 Takeda, T., 359, 394 Takegami, T., 62 Takehisa, M., 569 Takei, F., 177 Takei, Y., 569

Takeichi, M., 155-57, 159, 160, 162-64, 166, 169, 170, 172, 174, 180

Takeshita, M., 484, 486 Takeuchi, T., 452 Takida, Y., 452 Takizawa, T., 646, 647 Takuwa, Y., 661 Talavera, A., 48 Talbert, P. B., 405

Taleb, O., 660 Tall, A. R., 74 Talpaz, M., 299

Tam, S., 483, 491, 495 Tamada, T., 61

Tamaki, H., 660 Tamanoi, F., 43-46, 381, 390, 391, 393, 394 Tamaoki, T., 563

Tamei, H., 271 Tamm, J., 641 Tammi, M., 444, 451, 454, 456 Tamura, H. O., 698 Tamura, M., 248, 249, 557, 558, 566

Tan, C.-K., 515, 517-19, 523, 540

Tan, E. M., 523 Tan, F., 271 Tan, S.-S., 166, 171, 453 Tanabe, K., 82, 516, 521 Tanabe, T., 362, 364, 371,

376, 380 Tanaka, A., 267, 268 Tanaka, H., 563 Tanaka, I., 236, 240

Tanaka, K., 390, 393, 661 Tanaka, M., 563, 698, 699, 704, 705 Tanaka, S., 231, 232, 516, 534, 535, 540

Tanaka, T., 77, 429, 452, 457 Tanese, N., 594 Tanfin, Z., 367 Tanford, C., 796, 797, 804,

807, 808, 813 Tang, C. K., 747 Tang, L-H., 452 Tang, W.-J., 562, 563, 568 Tani, K., 104, 113, 118-20,

452

Taniguchi, T., 197 Tanihara, K., 530 Taniuchi, H., 817 Tansey, J., 178 Tantravahi, R. V., 454, 466 Tanzer, M. L., 452, 457 Tapprich, W. E., 195, 211, 212, 214, 218, 221

Taramelli, R., 369, 373 Tashiro, Y., 90 Tatchell, K., 391, 392 Tate, K., 656, 658, 660, 669, 680

Tate, S., 427, 431, 435 Tate, W. P., 311, 748 Tateno, M., 615 Taub, R., 282, 290, 291 Taugner, R., 250, 251 Tavitian, A., 389 Tawaragi, T., 232 Taylor, B. H., 199 Taylor, B. L., 403, 405, 410,

Taylor, E., 127, 128, 135 Taylor, F. R., 75 Taylor, J. M., 41, 59 Taylor, M. E., 615

422

Taylor, P. L., 660 Taylor, R. M., 273

Taylor, S., 463 Taylor, S. S., 675 Taylor, W. H., 464, 465

Tchang, F., 80 Tebb, G., 837 Tedesco, P. M., 404, 422

Teerlink, T., 75, 77, 79, 89-91 Teich, N., 578 Tekamp-Olson, P., 296

Temin, H. M., 578, 589, 610 Temkin, M., 78, 79, 94 ten Dam, E. B., 749 Tennekoon, G. I., 163

Teny, R. W., 589 Teplow, D., 157, 159 Teplow, D. B., 374, 376, 381

Teranishi, Y., 389 Termine, J. D., 452, 455, 456 Terwilliger, E., 596, 608, 609,

611 Terwilliger, E. F., 600, 601 Tester, B., 660

Tewari, D. S., 197 Thach, R. E., 732, 739, 747 Thambi, L., 660

Thambi, N. C., 383 Thauvette, L., 271 Theg, S. M., 113

Theil, E. C., 746 Themmen, A. P. N., 660 Theodorakis, N. G., 737 Theophilus, B., 268, 272

Theophilus, B. D. M., 269 Thesleff, I., 462 Thibault, G., 231, 232, 242,

243, 554, 556 Thiclan, B. J., 611 Thiery, J.-P., 155, 156, 161,

168-72, 174, 180, 182 Thimmappaya, B., 742 Thiriart, C., 592 Thirup, S., 356, 359

This, P., 80 Thoelke, M. S., 423 Thoene, J. G., 258, 261

Thoidis, G., 765 Thomas, A., 723 Thomas, C. L., 192, 195 Thomas, D. D., 667

Thomas, D. Y., 380, 382, 659, 661, 677 Thomas, G., 198, 199

Thomas, Gary, 286 Thomas, George, 286 Thomas, G. H., 258, 260, 261,

267, 272 Thomas, G. P., 737, 739, 740 Thomas, H. G., 296

Thomas, K. M., 661 Thomas, N. S. B., 742 Thomas, P. J., 89

Thomas, R., 128, 130 Thommes, P., 535, 540 Thompson, E. A., 735 Thompson, J. F., 142, 160, 161, 165, 168, 195, 197, 211 Thompson, M., 558, 570 Thompson, M. R., 558 Thompson, N. E., 691, 693, 701, 702, 709, 710 Thompson, P., 673 Thompson, R. C., 104, 728 Thompson, R. D., 57 Thompson, T. E., 75, 84, 87 Thomsen, G. H., 833, 836 Thomson, J. A., 800, 810 Thorens, B., 762, 764 THORNER, J., 653-88; 655, 676-80 Thorpe, D. S., 559, 563, 564, 566, 568, 571 Thorpe, S. J., 167 Thrall, M. A., 273 Thrasher, T. N., 250 Thunberg, L., 459, 461 Thurlow, D. H., 199 Tibbets, C., 231, 232 Ticehurst, J. R., 61, 63 Tidmarsh, S. F., 660 Tienrungroj, W., 331, 343 Tietje, K. M., 661 Tieu, P. T., 267 Tiley, L. S., 608 Tilley, S. A., 595 Tilly, K., 105, 130, 131, 322, 328, 331, 333, 335, 338, 340 Timasheff, S. N., 808 Timme, T., 500 Timmis, K. N., 647 Timofeeva, N. G., 76, 77 Timpl, R., 453, 457, 459 Tindall, K. R., 485 Tinker, D. O., 78, 85 Tinoco, I. Jr., 633, 634, 637 Tirone, F., 282, 290, 291, 297, 298 Tirosk, A., 660 Tischler, A. S., 287 Tissieres, A., 326, 331, 342 Tixier, J.-M., 459 Tizard, R., 157 Tjian, R., 44, 288, 526, 587, 690, 833, 839 Toback, F. G., 282, 290, 291 Tobin, G. J., 62 Tocque, B., 362 Toda, T., 391, 392 Todd, R. D., 660 Todt, J. A., 250 Toews, M. L., 420 Toft, D. O., 331, 343 Togashi, K., 569

Toh. H., 60 Toh-c, A., 390, 393 Tohkin, M., 372 Tokuda, H., 104, 112, 113, 118-20 Tokuhara, M., 289 Tokunaga, F., 661 Tokunaga, M., 104 Toledo, O. M. S., 453 Tollefsen, D. M., 459 Tolun, A., 45 Tomalski, M. D., 49, 50 Tomasselli, A. G., 620 Tomassini, J. E., 178 Tomaszek, T. A. Jr., 620 Tomatsu, S., 272 Tomcsanyi, T., 641 Tomich, J. M., 115 Tominaga, S., 579 Tomita, U., 367 TOMIZAWA, J.-I., 631-52; 127, 634, 637, 638, 641-43, 645 Tomlinson, P., 528, 532 Tommasino, M., 50, 57 Tommassen, J., 108, 119 Tong, L., 356, 359, 360, 386 Tonks, N. K., 168 Toole, J. J., 589 Toomey, N. L., 515 Toorchen, D., 484, 486, 498 Topal, M. D., 480, 484-86, 498 Topp, W. C., 45 Topping, T. B., 104, 105, 107 Torda, T., 556 Tordjman, K., 769 Torri, G., 459, 460, 466 Toschi, L., 289, 309 Toshimori, T., 231 Tosi, M. E., 48 Toth. M., 232, 245, 246 Toto, R. D., 249 Totty, N., 740 Totzke, F., 177 Toublan, B., 830, 832 Touchette, N. A., 810 Toulme, J.-J., 632 Tourkine, N., 301 Touzjian, N., 589 Towner, D., 673 Townsley, K., 748 Toyama, R., 362, 366, 367, 371, 372, 679 Toyoda-Yamamoto, A., 428, 432 Trach, K., 429, 431, 434 Trachewsky, D., 236 Trachsel, H., 720, 721, 723, 732, 741, 749 Trahey, M., 385, 386, 388 Tranchemontage, J., 271 Trapp, B. D., 163, 164 Traszkos, J. M., 76, 77, 88, 92 Traub, P., 195, 196, 222 Traugh, J. A., 739, 740, 744 Traunecker, A., 620 Traut, R. R., 194, 198, 740, 743 Trautner, T. A., 484 Trautwein, W., 657, 679 Travaglini, E. C., 480, 484 Travis, B., 592 Treich, I., 693 Treisman, R., 294, 299, 300, 302, 303 Tremblay, J., 554 Tremblay, L., 234 Triantafyllos, J. T., 661 Triezenberg, S. J., 690 Triggs-Raine, B. L., 267 Triman, K., 216, 217, 219 Trippodo, N. C., 250 Tromp, M., 44, 45 Trono, D., 592 Tropak, M. B., 163, 267 Tropschug, M., 115, 116 Troxel, C., 264, 265 Troy, F. A., 167 Troy, J. L., 249 Truss, M., 698, 699 Trzeciak, W. H., 91, 93 Tsai, A. Y. M., 157 Tsai, M.-H., 389 Tsai, S.-C., 367, 679 Tsai, S. Y., 331, 343 Tsai-Morris, C.-H., 282, 290, 291, 304, 310 Tsang, N., 403, 404 Tschachler, E., 581, 591 Tschopp, J., 462 Tschopp, J. F., 766 Tse, A., 608 Tseng, B. Y., 516, 522, 527 Tseng, L., 583 Tsernoglou, D., 635, 644 Tsibakova, E. T., 8 Tsilibary, E. C., 459 Tso, W.-W., 403 Tsubokawa, M., 372, 374 Tsuchida, K., 660, 661 Tsuchimochi, H., 240 Tsuchiya, M., 362 Tsugita, A., 131, 482 Tsui, W.-C., 480, 482, 492 Tsuji, K., 163 Tsuji, S., 264, 265, 268, 269, 274 Tsukamono, T., 362, 367, 371 Tsukamoto, T., 362, 363, 366, 367, 371, 372, 679 Tsuneoka, M., 90 Tsung, K., 427, 435, 738 Tsuprun, V. L., 331, 335 Tsurimoto, T., 517, 524-26, 541 Tsurugi, K., 210, 214

Tsurumi, T., 532 Tuan, J. J., 557, 558 Tuazon, P. T., 739, 740 Tubb, D. J., 248, 249, 554, 555, 559, 566, 568, 569 Tucker, A., 660 Tucker, G. C., 172 Tucker, R. P., 171, 173 Tudzynski, P., 50, 57, 59 Turk, E., 779 Turnbull, J. E., 448, 461 Turner, D. H., 633, 634 Turner, J. T., 558 Turner, L., 421 Turner, R. J., 780, 783, 784, 786, 787, 790 Turpen, T., 57 Tursz, T., 180 Tuschall, D. M., 62 Tuteja, N., 485 Twigg, A. J., 643 Twu, J. S., 612 Tye, B.-K., 300 Tyree, B., 453 Tzagoloff, A., 209 Tzall, S., 264, 265, 271

T

Uchino, H., 579 Uchiyama, Y., 579 Uda, Y., 265 Ueda, R., 527, 534 Ueguchi, C., 107, 331, 335 Ueno, A., 231, 232 Ueno-Nishio, S., 425, 426, 431, 435 Uhl, R., 676 Uhlenbeck, O. C., 633, 634, 637 Uhrhammer, N., 263, 267 Ui, M., 366, 372, 376, 381, 567 Ullmann, A., 563 Ullrey, D. B., 31, 32, 35 Ullrich, A., 389 Ullrich, K. J., 781 Ulrich, R. G., 540 Ulshöfer, T., 459 Ultz, P. J., 589 Underbrink-Lyon, K., 209 Underwood, P. A., 463 Unger, E., 466 Unger, T., 232 Unkeless, J. C., 282 Uno, 1., 383, 390 Unson, C., 367 Unwin, P. N. T., 658 Urano, S., 50 Urasaki, Y., 646, 647 Urban, R., 110 Urbánek, P., 47 Urquhart, D. A., 661

Usami, S., 428, 432 Utsumi, K. R., 527 Utsumi, R., 432 Uusimaa, P. A., 247 Uzu, S., 667

V

Vacante, D., 417 Vacquier, V. D., 555 Vaheri, A., 452, 453 Vahouny, G. V., 75, 80, 90-93 Vainio, S., 462 Vaishnav, M., 609 VAISHNAV, Y. N., 577-630; 609 Valavicius, B. C., 725 Valent, B., 845 Valenzuela, D., 667 Valenzuela, P., 700, 706 Vallar, L., 361, 369, 372, 373, 681 Valle, D., 258 Valsasnini, P., 50, 514, 516, 528, 531, 534, 540 Van Alphen, W., 436 Van Amerongen, A., 76, 77, 79, 80, 85, 86, 90, 93 Van Beckhoven, J. R. C. M., van Beeumen, J., 264, 265 Van Bergen, B. G. M., 44, 45, 86 Van Beveren, C., 288 van Boom, J., 44, 45 Van Boom, J. H., 214, 215, 223 Vance, D. E., 91 Vance, J. E., 74 Van Deenen, L. L. M., 76, 77, 80-83, 85-88 Van den Bergh, C., 85, 87 Van den Berghe, H., 453, 455-57 Van den Eeden, A. L. G., 86 Vanderburg, K. E., 810 van der Heuvel, S. J. L., 44, 45 Vander Heyden, N., 601 van der Horst, G. T. J., 264, 265, 271 Van der Krift, T. P., 76, 77, 89-92 van der Krol, A. R., 648, 749 van der Ley, P. A., 45 Van der Plas, J., 214, 215, 223 Van der Rest, M., 452 Van der Schueren, B., 453, 456 VAN DER VIES, S. M., 321-47; 105, 322, 325, 327, 328, 331, 333, 338, 340 van der Vliet, P. C., 41, 44-46, 837

Vande Stouwe, R. A., 579 Van Dijk, T. K., 331, 336, 343 Vandlen, R. L., 248 Van Dop, C., 362, 371, 372, 374 van Driel, W., 44, 45, 837 Van Duin, J., 214, 215, 223, 731 Van Dyke, M. W., 690 van Dyke, T. A., 62, 828 Van Golde, L. M. G., 91 Van Haastert, P. J. M., 384 Van Halbeek, H., 450 van Hemert, F. J., 720 Van Heusden, G. P. H., 78, 79, 90-92, 94 van Hoof, F., 258, 261 Vanhoutte, P. M., 559 Van Hoy, B., 429, 431, 434 van Kammen, A., 61, 63 van Leeuwen, M. B., 262 Van Loon, D., 81 van Loon-Klassen, L., 733 van Mansfeld, A. D. M., 45 Van Meer, G., 74 Van Meurs, K. P., 362 van Miltenburg, R. T., 44, 45 van Montagu, M., 56 Van Noort, M., 90, 93 Van Nostrand, W. E., 458 Van Ormondt, H., 41 Van Paridon, P. A., 75, 77, 80, 82, 84, 86, 88 VanRoy, F. M., 180 Van Sande, J., 661 van Shaik, F. M. A., 44 Van Stolk, B. J., 215 van Straaten, F., 63 Van Tol, H., 660 Van Tol, H. H. M., 660 Van Valen, T. R., 450 van Venrooji, W. J., 733 van Weely, S., 259, 262 Van Wezenbeek, P., 61, 63 van Wijnen, A., 829, 832, 840 van Wijnen, A. J., 833, 834, 836, 840, 846 Varenne, S., 119 Vari, R. C., 249, 251 Varki, A., 450 Varmus, H. E., 59, 60, 578, 586, 748 Varnum, B. C., 282, 290-94, 297, 298, 304, 305, 308-10 Varsharsky, A., 332 Vartapetian, A. B., 41, 60, 61, Vasil, M. L., 428 Vásquez, C., 47 Vass, W. C., 391 Vassalli, A., 745

Vassalli, J.-D., 745 Vassallo, C., 157 Vasserot, A., 848, 849 Vasserot, A. P., 849 Vassilenko, S. K., 212 Vaughan, L., 452, 455 Vaughan, M., 352, 374, 656, 679 Vazeux, R., 610 Vazquez, D., 198, 210 Veeneman, G., 214, 215, 223 Veerkamp, J. H., 75 Veinot-Drebot, L., 844 Veldman, S. A., 729 Venable, J. C., 232, 243 Venkatesan, S., 611 Venkatesh, L. K., 596, 597 Venter, J. C., 660, 778 Venturelli, D., 299 Venuti, S. E., 76, 77, 89, 91 Venyaminov, S. Yu., 331, 341 Verburg, K. M., 249, 251 Verdin, E., 588 Veress, A., 251 Veress, A. T., 231, 242, 554, 556 Vergnolle, C., 77, 80 Verheijen, F. W., 264, 265, 271 Verhoeven, A., 723 Verkleij, A. J., 90, 119 Verma, I. M., 282, 287, 288, 290, 301-3 Verner, K., 332, 796 Veronese, F. D., 590, 591, 593 Verver, J., 61, 63 Vesque, C., 291, 292, 304 Vester, B., 218, 221 Vestweber, D., 116, 157, 165, 166 Viallet, J., 289, 308 Vigneron, M., 292, 304 Viitanen, P. V., 327, 328, 331, 335-37, 339, 340, 344 Vijayagopal P., 459 Villafranca, J. E., 810 Villani, G., 499 Villanueva, G., 459 Villarreal, D., 249, 251 Villereal, M. L., 304 Vilmer, E., 580 Vimr, E. R., 167 Vinós, J., 47, 53 Vinters, H. V., 615 Viñuela, E., 47, 48 Virshup, D. M., 523, 524 Viscidi, R. P., 613 Viskochil, D., 393 Visser, A. J. W. G., 80-82 Visvader, J., 301, 302 Vladutiu, G. D., 262 Vlassov, V. V., 202 Vlasuk, G. P., 103, 232, 235, 236, 240 Vlček, C., 47

Vliegenthart, J. F. G., 450 Vlodavsky, I., 459 Voelker, D. R., 74, 92 Voelker, R. A., 695 Vogel, J. P., 116, 119, 613 Vogel, K. G., 452, 456 Vogel, U. S., 387, 388, 390, 393 Vogel, Z., 213 Vogeli, G., 453, 455, 457 Vogler, C., 274 Vogt, P. K., 288, 308, 833, 835, 839 Voigt, M. M., 660 Vojtek, A., 391 Volberding, P. A., 619 Volk, T., 157, 158, 160, 165 Vollger, H. F., 167 Volsky, D., 596 Volyanik, E. V., 736 Volz, K., 419 von Borstel, R. C. II, 585 von der Helm, K., 61, 63 von Figura, K., 258, 259, 262-65, 269, 270, 272 von Gegerfelt, A., 615 vonHeijne, G., 103, 105, 112, 115, 118 von Hippel, P. H., 484 vonKleist, S., 157, 181 von Knippenberg, P. H., 211 vonWettstein, G., 104 Voorhees, J. J., 169 Voorma, H. O., 723 Vopper, G., 160, 161, 165 Vos, P., 61, 63 Vosatka, R. J., 306, 312 Voulaias, P. J., 241 Vriend, G., 83, 85, 86 Vu, M. T., 661 W

Wada, A., 816 Wadzinkski, B. E., 765 Wadzinski, M., 459 Wagener, C., 157, 181 Wagenknecht, T., 199 Wagner, E. G. H., 646, 647 Wagner, E. K., 648 Wagner, J. A., 282, 289-91, 304 Wagner, P., 180 Wagner, R., 676 Wagner, S. L., 445, 458, 461 Wagner, W. D., 459 Wahba, A. J., 725, 727, 741, 742 Waheed, A., 259, 262, 264, 265 Wahl, A. F., 50, 492, 493, *14-16, 518, 527, 531,

532, 534, 537, 540

Wain-Hobson, S., 593, 618 Waitches, G., 661, 681 Wake, R.G., 128, 142 Wakimoto, B. T., 661 Walbot, V., 57, 59 Wald, G., 657 Walden, W. E., 732, 747 Waldman, S. A., 248, 250, 554, 557, 558, 571 Waldmann, J. A., 582 Waldo, G. L., 675 Waiker, A., 449 Walker, G. C., 499-502 Walker, G. W., 504 Walker, M. D., 604 Walker, P. A., 481 Wallace, J. C., 430 Wallis, J., 423, 425 Walmsley, A. R., 758, 775 Walsh, F. S., 160, 163, 166, 168, 179 Walsh, K. A., 168 Walsh, M. J., 178 Walter, P., 113, 115, 331, 332, 731, 732 Waltho, J. P., 819 Wamsley, P., 288 Wancewicz, E., 169 Wang, A. M., 264, 265 Wang, A. Z., 164 Wang, B. C., 244, 249 Wang, H., 428, 435 Wang, H. M., 461 Wang, H.-Y., 658 Wang, J. C., 127, 130, 133, 144, 249 Wang, J. K., 667, 669 Wang, K., 46, 56 Wang, N., 264, 265 Wang, P., 331, 338 Wang, S. F., 27 WANG, T. S.-F., 513-52; 492, 516-18, 520, 527, 528, 531, 534, 535, 537, 538, 540, 545 Wang, Y., 560, 660 Wanner, B. L., 434 Wanoni, M., 392 Want, H., 778, 786 Warach, J. B., 76, 77, 80, 84 Ward, G. E., 555 Wardzala, L. J., 765 Warne, P. H., 388 Warner, J. R., 195 Warren, A. J., 648 Warren, G., 93 Warton, M., 584 Wasserman, L., 463 Wasteson, Å., 452 Watabe, K., 48, 49 Watanabe, H., 558 Watanabe, M., 105, 110, 167, 243

Watanabe, S., 77, 80, 589 Watanabe, S. M., 480, 484, 498 Watanabe, T., 243 Waterbury, J. A., 617, 619 Waterman, M. R., 91, 93 Waters, C. M., 291, 310, 311 Waters, M. G., 115, 331, 342 Waterson, R. H., 177 Watkins, H. D., 554 Watson, A. J., 165 Watson, J. D., 19, 322, 480 Watson, M. A., 293, 305, 310 Watts, C., 104, 115, 117 Watts, S. M., 459 Wayner, E. A., 454 Weaver, D. T., 527 Weber, B., 259 Weber, I. T., 457, 591 Weber, L. A., 830, 831, 850, 853 Weber, M. J., 290 Weber, P. C., 646, 647 Weber, T. M., 765 Wedel, A., 425 Weder, A. B., 245 Weeks, J. R., 695, 698, 699, 703, 704, 710 Weglenski, P., 426, 431, 435 Wei, C. G., 583-85 Wei, F.-S., 389 Weigand, R., 236, 240 Weigandt, H., 167 Weigel, N. L., 331, 343 Weigel, P. H., 135 Weigle, J. J., 127, 148 Weih, F., 306 Weil, A., 588 Weiler, S., 269 Weinberg, D. H., 523, 524, 540 Weinberg, R. A., 388, 423, 429 Weinburg, F., 700 Weiner, A. M., 322 Weiner, D. M., 660 Weinhold, K. J., 582, 617, 619 Weinke, J. L., 464, 465 Weinrauch, Y., 429 Weinstein, L. S., 362, 366 Weintraub, H., 241, 648 Weintraub, H. J. R., 459, 460 Weintraub, H. M., 632 Weis, J. H., 454, 455, 466 Weis, R. M., 421 Weisberg, R., 128, 130-32, 138, 142, 143, 147 Weiser, B., 59, 195, 196, 202, 203, 209, 211, 219 Weisgerber, C., 168, 180 Weisgraber, K. H., 459 Weisman, J. D., 579

Weiss, D. S., 425

Weiss, J. B., 103-5, 107, 326, 331, 332 Weiss, J. W. Jr., 590 Weiss, R., 197, 578 Weiss, R. A., 581, 585 Weiss, R. B., 748 Weiss, V., 424, 428, 430, 435 Weissbach, A., 127, 128, 492, 515 Weissbach, L. J., 524, 527, 542 Weiss-Brummer, B., 205, 219 Weissman, S. M., 699, 703, 704 Weissmann, C., 197, 296 Weitsman, S. R., 586 Weitz, M., 61, 63 Weitzmann, C., 217, 221 Weitzmann, C. J., 218 Welch, M., 403 Welch, M. W., 491 Welch, S. K., 678 Welch, W. J., 326 Welfle, H., 807 Weller, P., 837 Wellink, J., 61, 63 Wells, D. E., 828, 829, 832, 836, 837, 847 Wells, J. R. E., 833, 834, 836-38 Welsh, J. D., 61, 63 Welsh, M., 735 Wen, D., 296 Wendelburg, B. E., 89 Wendell, G. N., 61, 63 Wendland, M., 259 Wendt, R. L., 250 Wenger, D. A., 263, 270, 273 Wernecke, H., 167 Werner, D., 720 Werner, R., 613 Werner, S., 613 Werner-Washburne, M., 115, 331, 342 Wernette, C. M., 515, 516 Weser, U., 701 Wesolowski, M., 57 Wesrermark, B., 452 West, B. L., 239 West, C., 268, 269, 274 West, M., 388 West, M. H. P., 830 West, M. L., 698, 703, 711 West, R. E. Jr., 374 Westbrook, C. A., 726 Westerman, J., 77, 79, 80, 82, 83, 85, 86, 89, 90 Weston, K., 528, 532 Weston, K. M., 661, 680 Weston, L. A., 428 Westphal, M., 157, 176 Westrick, L. G., 459, 462, 464 Wettenhall, R. E. H., 743

Wetterau, J. R., 75 Weyand, I., 673 Weymouth, L. A., 485 Whalen, G., 582 Wheatley, M., 668 Wheaton, V., 196 Wheeler, G. L., 657 Wheeler, T. J., 761 Whelan, J., 444 White, A. A., 554, 558 White, G. C. II, 157 White, J. D., 312, 584, 585 White, J. H. M., 536, 841, 843 White, K., 747 White, M. W., 739 White, R., 268 White, R. J., 452 Whiteheart, S. W., 728 Whitelaw, E., 851 Whiteway, M., 380-82, 677, 679, 680 Whitley, C. B., 273 Whitman, M., 304 Whitson, W., 452 Wick, M. J., 729 Wickens, M., 853 WICKNER, W., 101-24; 1, 103-5, 107-12, 115, 118, 119 Wickstrom, E., 211 Widdas, W. F., 775 Widen, S. G., 492, 516, 530, 539 Wides, R. J., 44, 45 Widner, W., 132, 133, 135, 138, 139, 148, 149 Wiebauer, K., 492, 545 Wiedmann, M., 116 Wiegand, R. C., 235, 236 Wieland, F. T., 93, 94 Wiels, J., 180 Wienhues, U., 116 Wigderson, M., 265, 269 Wight, T. N., 452, 453 Wigler, M., 391, 393, 562, 563, 661, 681 Wijnands, R., 223 Wikvall, K., 92 Wilcox, J. N., 157 Wilde, C. E., 504 Wilden, U., 374, 673 Wilder, S., 269 Wildey, G. M., 232, 242 Wileman, T. E., 273 Wiley, C. A., 581, 582, 611, 612 Wiley, D. C., 595 Wilhelm, F. X., 829, 830, 832 Wilhelm, M. L., 829, 830, 832 Wilkie, T. M., 357, 362, 367 Wilkinson, D., 157, 159 Wilkinson, W., 765 Wilkison, N. C., 167

Will, H., 60 Will, S., 484, 486 Wille, W., 158, 160, 161, 165, 171 Willems, P. J., 271 Willemsen, R., 265 Willetts, N., 646 Willetts, N. S., 647 Willey, R. L., 592, 594 Williams, A. F., 457 Williams, B. S., 235, 240 Williams, J., 44 Williams, K. R., 51, 530 Williams, L. T., 389 Williams, M. E., 104 Williams, S., 310, 311 Willis, R., 596, 602 Willmann, T., 331, 343 Wills, J. W., 595 Willumsen, B. M., 381, 386, 388, 391 Wilson, A. L., 660 Wilson, B. S., 180 Wilson, C. B., 362, 366, 371, 616 Wilson, H. V., 176 Wilson, K., 386 Wilson, N., 244 Wilson, P. J., 264, 265 Wilson, S., 516 Wilson, S. D., 296 Wilson, S. H., 493, 515, 516, 521, 527, 528, 530, 535, 536, 538, 539, 545 Wilson, T., 303 Wilson, W., 593, 607 Wimmer, E., 41, 60-63, 157, 178, 725, 726 Winans, S. C., 402 Wing, M., 742 Winkler, H., 454 Winkler, M. M., 735 Winnacker, E. L., 45 Winquist, R. J., 250, 554 Winslow, J. W., 362, 365, 660, 679 Winsor, B., 700 Winston, F., 845 Winterhalter, K. H., 452, 455 Wion, K. L., 459 Wirth, T., 837 WIRTZ, K. W. A., 73-99; 75-77, 79-86, 88-90 Wisden, W., 310-12 Wishart, D., 808 Wissel, T., 61, 63 Wistow, G., 374, 673 Witkiewicz, H., 131, 142 Witkin, E. M., 499, 500, 502, 504, 505 Wittekind, M., 104, 109 Wittfoht, W., 559

Wittmann, H.-G., 196

Wittmann-Liebold, B., 196 Wittrup, K. D., 517, 546 Witz, P., 661 Wlad, H., 466 Wlodawer, A., 591 Woese, C. R., 524, 527, 542 Woese, C. R., 195, 196, 202, 219, 220 Woessner, J. F., 452 Wohlfarter, T., 454 Wolberg, G., 169 Wold, M. S., 41, 45, 523-25 Wolf, A., 403 Wolf, F. W., 282 Wolf, L. G., 375 Wolfe, A. J., 415, 416, 419, 421 Wolfe, J. W., 274 Wolfe, P. B., 104, 110, 118 Wolff, C., 406, 408 Wolff, J. M., 157, 159 Wolfgang, W. J., 383 Wolfman, A., 388 Wolin, S. L., 731, 732 Wollman, R. L., 179 Wolpe, S. D., 296 Womble, D. D., 647 Wong, A., 164 Wong, C.-Y., 410, 411, 429, 431 Wong, D. W., 236-39 Wong, E. C., 142 Wong, E. M., 640 Wong, G. G., 296, 388, 389 Wong, I., 489, 490 Wong, J. K.-C., 699, 704, 711 Wong, K. P., 816 Wong, P., 423, 425 Wong, P.-K., 425 Wong, S. K. F., 656, 658, 661, 666, 668 Wong, S. W., 50, 493, 514-16, 519, 520, 527, 531, 532, 534, 537, 540 WONG-STAAL, F., 577-630; 578-80, 588, 595-97, 599, 601, 608, 609, 611-13, 617 Woo, S. L. C., 362, 365, 380 Wood, C., 588 Wood, D. R., 393 Wood, K. S., 559 Wood, R. D., 485, 499 Woodbury, R. G., 459 Wooden, S., 835, 839 Woodgate, R., 501, 502, 504 Woodley, C. L., 725, 742 Woods, A., 445, 452, 453, 459, 462, 464 Wool, I. G., 210, 214, 721 Woolford, C., 105, 322, 328, 331, 333, 335, 338, 340 Woolford, J., 828, 841 Woon, C. W., 373, 375, 382

Worley, P. F., 310, 311 Woudt, L. P., 828, 829, 846 Wower, J., 192, 195, 200, 206 Woychik, N. A., 691, 693, 695, 699, 701, 704, 706, 712 Wozny, M., 660 Wright, C. M., 595 Wright, C. V. E., 182 Wright, E. M., 777-82, 786 Wright, G. E., 50, 517 Wright, J. J., 291 Wright, K., 829, 832 Wright, K. L., 833, 836, 840, 846 Wright, N., 263, 267 Wright, P. E., 819 Wright, T. C. Jr., 459, 464 Wu, B. Y., 288 Wu, D., 306 Wu, F. K., 587, 589, 596, 604 Wu, F. Y.-H., 701 Wu, H. C., 104 Wu, J., 49, 50, 237, 239, 240 Wu, J-S. R., 780 Wu, L., 388 Wu, R., 127, 128, 131, 135 Wu, R. S., 828, 830, 852 Wu, T.-H., 646, 647 Wu, V-Y., 466 Wu, W. F., 133 WuDunn, D., 459, 464 Wulff, D. L., 646, 647 Wurtz, M., 131, 147 Wuthrich, K., 819 Wyckoff, E. E., 746 Wyers, F., 700 Wylie, D., 410, 411, 429, 431 Wylie, D. C., 411, 418, 429, 435 Wypij, D. M., 243 X

Xiang, L., 720 Xie, H., 357, 381 Xin, W., 130, 131, 135, 140 Xu, G., 393 Xu, H.-P., 393 Xu, H. X., 832, 854, 855 Xuong, N. G., 51, 495, 532 Xuong, N. H., 810

Yada, T., 451, 452 Yaffe, M. P., 74 Yaghmai, R., 403, 409, 423 Yaguchi, M., 223 Yagura, T., 516 Yakimenko, E. F., 76 Yamada, H., 104, 112, 113

Yamada, K. M., 173, 452, 459, Yasuda, K., 157, 159, 160, 461 162, 163 Yamada, M., 77, 80, 428, 430, Yasueda, H., 646 435, 515, 540 Yasui, A., 661 Yamada, M-A., 544 Yatani, A., 390 Yamada, O., 180 Yatsunami, K., 362, 371, 381 Yamada, S., 450 Yau, K.-W., 555 Yamada, T., 57, 233, 569 Yazaki, Y., 235, 240 Yamada, Y., 452, 455-57 Yehle, C. O., 47 Yamade, K., 112 Yellen, A. J., 306 Yamagata, H., 104 Yen, P. H., 264, 265 Yamagata, M., 452, 461 Yergey, A. L., 727 Yamaguchi, M., 82, 516, 522, Yim, E. H., 394 523, 527, 528, 530, 535, Yochem, J., 133, 146 536, 539, 540, 560 Yodoi, J., 579 Yamaguchi, S., 405 Yokoro, K., 180 Yamaguchi, Y., 452, 456, 464, Yokota, Y., 660, 661 465 Yoneda, M., 452 Yoo, S. K., 55 Yamaizumi, Z., 356, 359, 360, 386 Yoon, J. S., 383 Yoon, K., 634 Yamamoto, A., 90 Yamamoto, K. R., 236, 283, York, E. J., 819 290, 306, 331, 343, 673 Yoshida, K., 450 Yoshida, S., 516 Yamamoto, M., 359, 379, 385, Yoshikawa, H., 47, 48, 52, 60, 394 428 Yamamoto, S., 522, 530 Yamamoto, T., 387 Yoshikura, H., 749 Yamamoto, Y., 265 Yoshimasa, T., 672 Yamanaka, M., 231, 232, 235 Yamane, H. K., 357, 381 Yoshimi, H., 236, 246 Yoshimoto, K. K., 362, 367, Yamane, K., 118 371 Yoshimura, S., 558 Yamane, T., 633 Yamashina, I., 450 Yoshimura, T., 289, 296 Yamauchi, T., 264, 265 Yoshinaka, Y., 748 Yoshioka, Y., 646 Yamawaki-Kataoka, Y., 563 Yanagida, M., 828-30, 841, Yoshizawa, T., 357, 381, 676 845, 846 Yost, C. S., 115 Yost, S. C., 178 Yanagisawa, M., 661 Yanagishita, M., 452-54, 457, Young, A. C., 660, 661 464 Young, D. B., 331, 334, 343, Yang, C. C., 140 661, 681 Yang, C. F., 62 Young, D. C., 62 Yang, G. P., 297 Young, E. T., 127, 128 Yang, M., 431 Young, M. R., 452, 455, 456 Yang, R. C. A., 394 YOUNG, R. A., 689-715; 331, 334, 343, 690-93, 695, Yang-Feng, T. L., 157, 168, 231, 656, 658, 660, 674 698-702, 704, 706, 707, Yanisch-Perron, C. R., 501 711, 712 Yaniv, M., 288, 289, 303, 836 Younghusband, H. B., 41, 834 Yannoni, Y., 283, 291, 297 Youngman, P., 429, 430, 431 Yano, R., 702 Yu, C.-L., 389 Yanofsky, M. F., 379, 385 Yu, F., 104 Yanofsky, S., 47 Yu, G.-Q., 428 Yu, H., 310 Yao, E. F., 297 Yarbrough, L. R., 76, 79, 86, Yu, L., 677 94 Yu, S.-M., 830 Yarchoan, R., 619 Yu, X. J., 269 Yarden, Y., 157, 168, 656, Yuan, P.-M., 50, 493, 514, 658, 661 527, 531, 532, 534, 537, 540 Yarfitz, S., 383 Yuan, Z.-A., 298

Yuen, P. S. T., 559, 561, 563,

570, 571

Yarger, J., 829

Yasuda, H., 540

Yarmolinsky, M. B., 25, 130

Yuhki, N., 296 Yui, Y., 57 Yu-Lee, L.-Y., 294 Yun, M., 588 Yungdae, Y., 289 Yura, T., 104, 105, 107, 109, 119, 331, 335, 690, 692, 698, 699 Yurchenko, P. D., 453, 457 Yurt, R., 459 YuSheng, W., 231, 250

Zaballos, A., 49, 50, 57, 59, 528 Zabavnik, J., 660 Zabel, P., 61, 62, 63 Zabielski, J., 837 Zabin, I., 103, 104, 118 Zablen, L. B., 196 Zachau, H. G., 837 Zack, J. A., 586 Zadrazil, S., 47 Zaghouani, H., 595 Zagórska, L., 198 Zagury, D., 586 Zaia, J. A., 621 Zale, S. E., 797, 807 Zalkin, N., 408 Zambrano, F., 91 Zamir, A., 213, 215 Zanolari, B., 420 Zapp, M. L., 605, 606, 608 Zardi, L., 452, 459 Zaremba, S., 452, 462 Zaret, K. S., 853 Zarlengo, M. H., 808, 813 Zarling, J., 592 Zarnowski, M. J., 765, 769 Zassenhaus, H. P., 264, 265 Zaug, A. J., 195 Zawadzki, J. V., 559 Zaychikov, E. F., 698, 699 Zborowski, J., 86 Zeelen, J. P., 721 Zegers, B. J. M., 76 Zehring, W. A., 695, 698, 699, 703, 704, 710 Zeidel, M. L., 556, 566, 567, 570 Zeikus, R., 748 Zeller, R., 235, 240 Zelus, B. D., 557 Zemlin, F., 658 Zeng, D. W., 660 Zengel, J. M., 744 Zerial, M., 289, 292, 295, 304, 309 Zernik, M., 828 Zhang, J., 453, 455, 457

918 AUTHOR INDEX

Zhang, K., 288 Zhang, R. G., 137 Zhang, X. L., 270 Zhang, X.-Y., 640 Zhao, K., 646 Zhong, R., 833, 836 Zhou, D. F. H., 454, 456 Zhou, Q.-Y., 660 Zhu, X., 331, 332 Zhukovsky, E. A., 669 Ziegelhoffer, T., 104, 105, 107, 326-28, 331, 332, 336, 337, 339 Ziehler-Martin, J. P., 481 Ziemieki, A., 592 Ziff, E. B., 282, 287, 290, 300, 306, 309, 312 Zijlstra, M., 250 Zillig, W., 698 Zilversmit, D. B., 75-77, 80, 84, 85, 87, 88 Zimbelmann, R., 178

Zimmerman, A., 831 Zimmerman, D. R., 452, Zimmerman, S., 831 Zimmerman, T. P., 169 Zimmermann, R., 104, 105, 110, 112, 115, 116 Zimmermann, R. A., 192, 195, 199, 200, 206 Zimmermann, W., 181 Zimran, A., 268, 269 Zinder, N., 214 Zinn, K., 157, 163, 164, 174, 176 Zinoni, F., 749 Zipfel, P. F., 282, 296, 305, 308 Zipursky, S. L., 157, 163, 176 Zirwer, D., 807 Zisfein, J. B., 232, 235, 236, 243 Zlotnick, A., 119

Zmudzka, B. Z., 492, 515. 516, 527, 530, 535, 536, 538, 545 Zokas, L., 288 Zoller, M., 391 Zolotarev, A. S., 661 Zon, G., 621 Zoppetti, G., 459 Zorzano, A., 765 Zuber, C., 180 Zühlsdorf, M., 264, 265 Zuker, C. S., 661 Zuker, M., 196, 633, 634 Zullo, J., 282, 287, 290 Zumstein, P., 282 Zurawski, G., 296 Zurawski, S. M., 296 Zusman, D. R., 423, 429, 431, 434, 435 Zweidler, A., 829 Zwieb, C., 195, 196 Zwizinski, C., 104, 112, 115, 117

SUBJECT INDEX

| 402, 410, 412, 425, 427 SecA protein and, 102, 108– 9, 112-14, 116-20 terminases and, 133-35 translational control and, 725 Adenovirus HIV activation and, 611 protein-priming mechanism of DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β-Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | HIV entry and, 585 Ammonium chloride HIV entry and, 585 Angiotensin transmembrane signaling and, 661 Antibiotics rRNA interactions with, 209– 11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 anturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
|---|--|
| 9, 112–14, 116–20 terminases and, 133–35 translational control and, 725 Adenovirus HIV activation and, 611 protein-priming mechanism of DNA replication and, 40–47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562–63 transmembrane signaling and, 654–56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β2-Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | HIV entry and, 585 Angiotensin transmembrane signaling and, 661 Antibiotics rRNA interactions with, 209— 11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| terminases and, 133-35 translational control and, 725 Adenovirus HIV activation and, 611 protein-priming mechanism of DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | Angiotensin transmembrane signaling and, 661 Antibiotics rRNA interactions with, 209–11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| translational control and, 725 Adenovirus HIV activation and, 611 protein-priming mechanism of DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 By-Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | transmembrane signaling and, 661 Antibiotics rRNA interactions with, 209—11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89—90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| Adenovirus HIV activation and, 611 protein-priming mechanism of DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | 661 Antibiotics rRNA interactions with, 209— 11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| HIV activation and, 611 protein-priming mechanism of DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 \$\rightarrow\righta | Antibiotics rRNA interactions with, 209– 11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| protein-priming mechanism of DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 B2-Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | rRNA interactions with, 209– 11, 214, 218 Antibodies against genome-linked pro- teins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | 11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| DNA replication and, 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | 11, 214, 218 Antibodies against genome-linked proteins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| 40-47 Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | Antibodies against genome-linked pro- teins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89-90 Antisense RNA biological regulation and, 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| Adenylate kinase history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562–63 transmembrane signaling and, 654–56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | against genome-linked pro- teins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637-49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| history of, 14 Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562–63 transmembrane signaling and, 654–56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | teins of RNA viruses, 62 against phospholipid transfer proteins, 76, 78, 89-90 Antisense RNA biological regulation and, 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| Adenylyl cyclases molecular cloning of guanylyl cyclases and, 562–63 transmembrane signaling and, 654–56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 B ₂ -Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | against phospholipid transfer proteins, 76, 78, 89-90 Antisense RNA biological regulation and, 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| molecular cloning of guanylyl cyclases and, 562-63 transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | against phospholipid transfer proteins, 76, 78, 89–90 Antisense RNA biological regulation and, 637–49 naturally occurring, 646–48 RNA-RNA interaction and, 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| cyclases and, 562–63 transmembrane signaling and, 654–56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | proteins, 76, 78, 89-90 Antisense RNA biological regulation and, 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| transmembrane signaling and, 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | Antisense RNA biological regulation and, 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| 654-56 Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | biological regulation and, 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| Adrenal corticotropic hormone (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | 637-49 naturally occurring, 646-48 RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| (ACTH) steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| steroidogenesis and, 93 β ₂ -Adrenergic receptors desensitization and, 671–74 heterologous receptor systems and, 679–80 | RNA-RNA interaction and, 632-37, 649 Antithrombin proteoglycans and, 458-59, |
| β ₂ -Adrenergic receptors desensitization and, 671-74 heterologous receptor systems and, 679-80 | 632–37, 649 Antithrombin proteoglycans and, 458–59, |
| desensitization and, 671-74 heterologous receptor systems and, 679-80 | Antithrombin proteoglycans and, 458-59, |
| heterologous receptor systems and, 679-80 | proteoglycans and, 458-59, |
| and, 679-80 | |
| | |
| | 461-62, 464, 467 |
| | AP1 transcription factor |
| | HIV gene expression and, |
| phosphorylation and, 672- | 589 |
| 74 | Aphidicolin |
| schematic representation of. | DNA polymerase gene muta- |
| | tions and, 532, 545 |
| | phage \$29 DNA polymerase |
| | inhibition and, 50 |
| 655 657 60 | Apomyoglobin |
| | |
| | acid denaturation and, 816 |
| | aQ gene |
| | antisense RNA and, 646 |
| | Arabidopsis thaliana |
| Agrobacterium tumefaciens | G-proteins and, 365, 378-79, |
| phage HB-3 and, 56 | 385 |
| AIDS | RNA polymerase II and, 704- |
| | 6 |
| | Arabinose-binding protein (ABP) |
| | hydrogen bonds and, 771 |
| | Arbacia punctulata |
| | |
| | guanylyl cyclase and, 566, |
| | 568 |
| factor (ASIF) | ARF genes |
| classification of, 234 | GTP binding and, 351 |
| Alpha accessory factor (AAF) | Artemia spp. |
| DNA polymerases and, 527 | protein synthesis and, 728, |
| Alpha factor receptor | 744 |
| ligand hinding determinants | Arvisulfatases |
| | lysosomal storage disorders |
| | and, 264-66, 269, 272- |
| | and, 264–66, 269, 272– |
| | ligand binding determinants and, 667–71 phosphorylation and, 672–74 schematic representation of, 662 subtypes of, 680 transmembrane signaling and, 655, 657–60 Affinity labeling rRNA and, 198–99, 201 Agaricus bitorquis linear plasmids and, 57 Agrobacterium tumefaciens phage HB-3 and, 56 AIDS see Acquired immunodeficiency syndrome Alcohol dehydrogenase conformation of, 28–29 Aldosterone secretion inhibitory factor (ASIF) |

ASA-BMPA glucose transporters and, 762-63, 772-73 Ascobolus immersus linear plasmids and, 57-58 Ascorbate nitroxide moiety and, 81 Aspartylglycosaminuria lysosomal enzyme defects and, 271 Aspergillus spp. histone genes and, 829, 846 cell adhesion molecules and, 164-65 molecular chaperones and, 335, 340, 342 proliferating cell nuclear antigen and, 524 replication factor C and, 525 Atrial natriuretic factor (ANF) characterization of, 230-31 GC-A protein and, 566-67 gene expression and, 235-42 gene sequences and, 231 guanylyl cyclase activation and, 556-57, 560-61, 566, 569, 572 physiologic effects and, 244, 249-51 processing and, 242-43 receptors and, 247-49 release of, 243-47 side effects and, 570 Atrial natriuretic peptide see Atrial natriuretic factor Azidothymidine (AZT) AIDS therapy and, 619 drug-resistant HIV mutants and, 616, 619 B

Bacillus subtilis chemotaxis and, 423 DNA polymerases and, 528, phage \$29 genome of, 47phosphatidylinositol transfer protein and, 78 Bacteriophage A cos structure and, 135-37 DNA maturation and, 127-28, 130-32 DNA packaging and, 127-28, 131-32, 146-49 enetic map and, 129 head assembly and, 131-32 terminases and, 132-35, 137Bacteriophage \$29 protein-priming mechanism of DNA replication and, 40-41, 47-55 Bacteriophage Cp-1 protein-priming mechanism of DNA replication and, 41, Bacteriophage HB-3 terminal protein and, 56 Bacteriophage PRD1 protein-priming mechanism of DNA replication and, 41, Bacteriophage T7 DNA genome circularization and, 126 Benzophenone cross-linking and, 200-1, 206, 209 Beta maritima linear plasmids and, 57 BGP1 cell adhesion molecule homology to, 181 BHT-920 atrial natriuretic peptide secretion and, 245 BiP protein molecular chaperone family and, 331, 342 protein folding and, 119 Bordetella pertussis adenylyl cyclases and, 563 G-proteins and, 656 Bovine growth hormone solvent denaturation and, 812 Bovine pancreatic trypsin inhibitor solvent denaturation and, 808 Brain natriuretic peptide (BNP) classification of, 233-34 guanylyl cyclase activation and, 556-57, 569 hormonal homologies and, 232 ventricular expression and,

236 Brassica campestris linear plasmids and, 57 10-N-(Bromoacetyl)amino-1decyl-β-D-glucopyranoside (BADG) Na+-dependent glucose cotransport inhibition and,

Bromovinyldeoxyuridine (BVdU) DNA polymerase gene mutations and, 532 Butylphenyl-dGTP

779

DNA polymerases and, 517, 519, 545

c25 gene primary responsiveness and, 294-95 binding and, 163 disease and, 180-81 evolutionary relationships and, 177-78 gene for, 166

morphoregulatory activity and, 170, 172 structure of, 159-61 transfection and, 163-65 Caenorhabditis elegans cell adhesion molecules and,

RNA polymerase II and, 691, 703-6

Caffeine primary response gene expression and, 310

Calicivirus genome-linked proteins of, 60-61 Candida albicans

AIDS and, 582 Cannabinoid receptor transmembrane signaling and, 661

CAP genes Ras proteins and, 391 Carbomycin peptidyl transferase inhibition and, 209

Carbonic anhydrase acid denaturation and, 816 solvent denaturation and, 812

Carboxypeptidases atrial natriuretic factor synthesis and, 232 lysosomal storage disorders

and, 264, 271 Carcinoembronic antigen (CEA) cell adhesion molecule homology to, 181

Cardiac peptide hormones classification of, 231-35 Cardiac trans-acting factors atrial natriuretic factor gene expression and, 240-42

Catecholamines G-protein signaling and, 655-56

Cathepsin D lysosomal storage disorders and, 259, 262-64 CDC genes

DNA polymerases and, 516, 518, 531, 538, 540 G-proteins and, 380 histones and, 841, 843

Ras proteins and, 392-Cell adhesion molecules (CAMs) A-CAM, 160 alternative RNA splicing and, 165-66 binding of, 161-63 chromosomal localization and, 165-66 disease and, 178-81 evolutionary relationships and, 175-78 expression of, 166-69 gene structure and, 165-I-CAM, 161-62, 177-78 L-CAM, 157-71, 175-77, 180 LEC-CAM, 457 molecular histology and, 181morphoregulatory activity of, 169-75 N-CAM, 157-172, 174-81, 457, 462-463 Ng-CAM, 158-59, 161-62, 174-75, 179 Nr-CAM, 158-59 PE-CAM, 163 proteoglycans and, 457, 462-63 structure of, 157-61 superfamily of, 157 synthesis of, 166-69 transfection and, 163-66 types of, 156-57 Cell cycle DNA polymerase gene expression and, 536-37, 538 histone synthesis and, 829-32, 855-86 Cell junctional molecules (CJMs) cell adhesion molecule relationship to, 156, 164, 170, 178, 182-83 Cell-specific restriction of primary response genes, 305-6 Cell surface modulation cell adhesion molecule binding and, 161-62 Cell surface receptors transmembrane signaling and, 654 Cellular proteins protein-priming mechanism of DNA replication and, 44-46 Cell wall topography of, 28

Central nervous system (CNS) RNA I, 638-49 primary response gene expres-sion and, 309-13 RNA II, 634, 636-49 ColE2 plasmid Ceratocystis fimbriata antisense RNA and, 646-47 linear plasmids and, 57 Colicin Cerebroside sulfate RNA inactivation and, 213lysosomal storage disorders 14 and, 269-70 Colony-stimulating factor-1 (CSF-1) c-fos oncogene regulation of expression and, Ras proteins and, 387 283-84, 286-87, 290, Comovirus 299-303 genome-linked proteins of, Chaperonins 60-61, 63 bacterial, 335-38 Complement DNA (cDNA) gene for, 340 β₂-adrenoreceptor, 658 mitochondrial, 335, 339-42 atrial natriuretic factor, 232 molecular chaperone family cell adhesion molecule, 158, and, 331-43 162-64, 166, 171 plastid, 335, 338-39 DNA polymerase, 516, 527-28, 530, 535 Chemotaxis Gal mutants and, 29-31 GC-protein, 570 signal transduction and, 403-G-protein, 363, 366-67, 376, 23 383 Che proteins glucose transporter, 764-66, bacterial chemotaxis and, 779-80 405-6, 409-24, 427, guanylyl cyclase, 555, 558-429-35 59, 566 Chloramphenicol initiation factor, 718, 721, peptidyl transferase inhibition 739, 742 and, 209 lysosomal enzyme, 263, 268, Chloroquine 271, 274 HIV entry and, 585 phospholipid transfer protein, Ch-NO38 protein 79, 91 molecular chaperone family primary response gene, 283, and, 331, 333 287-98, 304, 306 Cholesterol primase, 522 transfer of, 74-75, 80, 88, 92 proliferating cell nuclear anti-Cholinephosphotransferase lipid metabolism and, 91 gen, 523 replication factor A, 525 Chondroitin sulfate RNA polymerase II, 699 Type C natriuretic peptide, proteoglycans and, 443, 445, 447-48, 450-55, 460-63 235 Chymotrypsinogen Concatamers DNA packaging and, 127-28 pH denatured state and, 814-Conformational switch GTP-binding proteins and, Circadian rhythms 352-53 primary response gene expression and, 311-12 Contactin structure of, 158 c-jun gene regulation of expression and, cop genes 303 antisense RNA and, 646-47 Corynebacterium diphtheriae protein synthesis and, 729 Claviceps purpurea linear plasmids and, 57, 59 CloDF13 plasmid cos sites antisense RNA and, 645 map of, 136 phage & DNA and, 127-28, cMG1 gene primary responsiveness and, 130-31, 135-45, 149-50 293-94 structure of, 135-37 c-myc oncogene Coumarin mitogen responsiveness and, translocation mechanisms and, 287 118-19 Cowpea mosaic virus (CPMV) ColE1 plasmid genome-linked proteins of, 63 DNA replication and, 637-38

HIV activation and, 611

seven-transmembrane-segment DnaK protein receptors and, 680-81 molecular chaperone family DNA polymerases and, 527 CRE-binding proteins Cytoskeletal proteins and, 331, 342-43 primary response genes and, primary response genes and, translocation mechanisms and, 289, 301-3, 312-13 295 107, 114 Crithidia fasciculata Cytotactin **DNA** ligase place-dependent regulation phage \(\lambda\) DNA maturation RNA polymerase II and, 706 and, 171-75 and, 127 Cross-linking **DNA** maturation heat-stable enterotoxins and, phage A and, 126-28, 130-32 D proteoglycans and, 462 **DNA** mutations rRNA and, 199-201, 206, DNA polymerase response to, 209 497-99 $\Delta \mu_{H+}$ translocation mechanisms and, polymerase insertion errors Cross-talk bacterial chemotaxis and, 102, 108, 112-14, 117, and, 482-83 119-20 SOS response and, 479 408-9, 416, 422, 425, 434 Dehydroergosterol DNA packaging phage A and, 127-28, 131crp gene transfer of, 80 antisense RNA and, 647 Dermatan sulfate 32, 146-49 proteoglycans and, 444-45, Cryptococcus neoformans **DNA** polymerases 447-48, 450-55, 460, AIDS and, 582-83 antimutator, 491 ct gene 465 base insertion selectivity antisense RNA and, 646 Desmoglein base insertion pathway and, cell adhesion molecule homol-478-80 C-type natriuretic peptide (CNP) error avoidance and, 488guanylyl cyclase activation ogy to, 181 DG gene and, 556, 569 91 G-protein homology and, fidelity assays and, 483-88 CYC1 gene RNA polymerase II and, 708 383-84 insertion errors and, 482-Cyclic adenosine monophosphate Dictyostelium discoideum 83 (cAMP) cell adhesion molecules and, structural aspects to base G-proteins and, 380, 382-84. 176 selection by, 480-82 G-proteins and, 365, 378-79, DNA lesions and, 497-99 655 primary response genes and, 384-85 editing by error avoidance and, 494-289 RNA polymerase II and, 691, Ras proteins and, 390-92, 694, 704 96 394 in eukaryotes, 492-93 2',3'-Dideoxycytidine (ddC) steroidogenesis and, 93 AIDS therapy and, 619 exonucleolytic in pro-Cyclic guanosine monophos-2',3'-Dideoxyinosine (ddl) karyotes, 491-92 kinetic amplification of, phate (cGMP) AIDS therapy and, 619 atrial natriuretic factor pep-Dideoxythymidine triphosphate 493-94 melt and slide model and, tides and, 248, 250-51 (ddTTP) G-proteins and, 655, 657 DNA polymerases and, 518, 495-96 MutT pathway and, 496-97 guanylyl cyclase and, 554-59, 545 562-63, 569, 572 Dimethyl sulfate in prokaryotes, 491-92 Cycloheximide (CHX) protection from, 202 eukaryotic Dimethyl sulfoxide (DMSO) elongation inhibition and, 732 catalytic mechanisms and, hexose uptake and, 32 DNA polymerases and, 519, 519-21 cyr61 gene 536 DNA repair synthesis and, 545-46 primary responsiveness and, dinA gene 297 DNA polymerase and, 529 editing and, 492-93 Cysteine enzymatic properties and, in terminal proteins, 49 cell adhesion molecules and. 517-19 Cytochalasin B 178-81 3'-5' exonuclease and, glucose transporters and, 762-522-23 gene expression and, 534-63, 772-74 error avoidance in base inser-Cytochrome c tion and, 489-90 39 melting capacity of, 479, 491, 495-96 acid denaturation and, 816 genetic structure and, 527-Cytokines 34 DNA binding primary response genes and, nomenclature and, 515 295-96 physiological roles and, terminases and, 133-35 Cytomegalovirus (CMV) DNA binding protein (DBP) adenovirus DNA replication 539-46 predicted functional do-DNA polymerases and, 528

and, 44-46

mains and, 527-34

O

primase and, 521-22 proliferating cell nuclear antigen and, 523-24 properties of, 516-21 protein structure and, 516-18 replication factor A and, 524-25 replication factor C and, 525-26 replicative, 539-40 T antigen and, 526-27 initiation of replication and, 40-44, 48-51, 57-60, 62-64 mutator, 491 RecA protein and, 500-5 SOS reponse and, 499-505 **DNA** recognition phage A and, 127 DNA repair DNA polymerases and, 545-46 DNA replication antisense RNA and, 637-38 fidelity mechanisms base selection and, 478, 480-91 editing and, 478-79, 491mutations and, 497-506 initiation of, 40-64 dna mutants editing by DNA polymerases and, 491-92 DNase I footprinting protein-priming mechanism of DNA replication and, 52 DNA sequence scanning terminases and, 133 Dopaminergic receptors transmembrane signaling and, 660 Double-stranded RNA activated inhibitor (DAI) repression of translation and, 741-42 Drosophila melanogaster DNA polymerases and, 516, 519, 523 G-proteins and, 364-65, 383-RNA polymerase II and, 691, 693, 703-4, 706-7, 710 Drosophila spp. cell adhesion molecules and, 176 chaperonins and, 334 fidelity mechanisms in DNA replication and, 493

Drosophila X virus

60-61

genome-linked proteins of,

Edeine

Duck hepatitis B virus (DHBV) Epinephrine terminal proteins and, 59-60 56 528 tRNA binding inhibition and, 209-10 eEF elongation factors protein synthesis and, 719-21, 727-29, 743-44 728 Erythromycin eer genes regulation of expression and, 291-92, 304 and, 217 elF initiation factors Escherichia coli translational control and, 718, 720-21, 723-27, 731-32, 738-44 480 Elongation translational control and, 737-38 Elongation factors 417, 423 GTP-binding proteins and, 354-56, 359-61 protein synthesis and, 718-21, 727-29, 743-44 rRNA and, 192, 210-11 494-95 Encephalomyocarditis virus (ECMV) genome-linked proteins of, 63 375 internal initiation mechanism and, 725-26 Endothelin 43 atrial natriuretic factor expression and, 237 transmembrane signaling and, and, 87 661 Endothelium-derived relaxing factor (EDRF) guanylyl cyclase activation and, 559, 562, 572 Enkephalin convertase 102-20 atrial natriuretic factor synthesis and, 232 Enterobacter aerogenes chemotaxis and, 406 Estrogen env gene HIV and, 592-593, 595, 597, 599, 603 Env protein HIV gene expression and, 603 EnvZ kinase 118 bacterial chemotaxis and, Ethylnitrosourea 426-27, 430, 432-34 Epidermal growth factor (EGF) gene induction and, 282, 286, 291, 300-5, 307 proteoglycans and, 457, 463

Ras proteins and, 386-88

history of, 21, 23, 28

Epimerase

G-protein signaling and, 655-Epstein-Barr virus (EBV) DNA polymerases and, HIV activation and, 611 Equine infectious anemia virus immunoselection and, 615 eRF termination factor protein synthesis and, 721, rRNA phenotype detection adenylyl cyclases and, 563 base insertion pathway and, chaperonins and, 334-36, 339-41, 343 chemotaxis and, 403-4, 406, DNA polymerases and, 520, 525, 527-30, 532-34 fidelity mechanisms in DNA replication and, 491-92, Gal mutants and, 23-25, 28 G-proteins and, 363, 369, guanylyl cyclases and, 554 heat shock proteins and, 342phage PRD1 and, 55 phospholipid transfer proteins polymerase insertion errors and, 483-84 protein synthesis and, 728 protein translocation across plasma membrane and, Ras proteins and, 360, 388 RNA polymerase II and, 695-96, 698-99, 703, 712 SOS response and, 499-500 primary response gene expression and, 310 N-Ethylmaleimide DNA polymerases and, 518 translocation mechanisms and, protection from, 202 3'-5' Exonuclease DNA polymerases and, 522-Extracellular matrix proteins primary response genes and,

295

proteoglycans and, 456-57

lysosomal enzyme defects

and, 270-71

Galactosidases glucose cotransporter, 759-61, 777-79 fusions between leader pep-Fabry disease tides and, 107 heat shock protein, 342 lysosomal enzyme defects lysosomal storage disorders hepadnavirus, 60 and, 270 and, 262, 264-65, 270histone, 827-30, 832-49. Factor pl. 853-56 protein-priming mechanism of GAL genes HIV, 587-89, 593-612 DNA replication and, 46 RNA polymerase II and, 708immediate-early, 290 mating factor, 676-77 Fatty acids hydrophobic ligands and, 75 Gal mutants mitogen-inducible, 286-91. Fatty acyl chains chemotaxis and, 29-31 293, 295, 297-306 phospholipid transfer proteins in Escherichia coli, 23-25, phage \$29, 47-48, 52-53 and, 81-82 phage PRD1, 55 translocation mechanisms and, Galactose phosphatidylinositol transfer protein, 78 119 pathway UDP-glucose and, 20primary response, 283-313 translational control in synth primase, 521 sis of, 733, 744, 746-47 Galactose-1-phosphate uridylproliferating cell nuclear anti-Fibroblast growth factor (FGF) gen, 523 transferase gene induction and, 287, 295, defect of, 22-24, 35 Ras protein, 390-94 298, 300, 304-5 Galactosemia replicase, 63 history of, 21-22, 35 replication factor A, 525 Gamma-aminobutyric acid reporter, 484-86 history of, 31 Fidelity assays (GABA) reverse transcriptase, 719 phospholipid transfer proteins DNA replication and, 483-RNA polymerase II, 693, and, 88 695-704, 707, 712 Gancyclovir (DHPG) rRNA, 217-18 fin pseudorevertants prohead binding and, 146 DNA polymerase gene mutasecondary response, 290, tions and, 532 306-7 antisense RNA and, 646-47 Gaucher disease terminase, 132-33 lysosomal enzyme defects Fli proteins see also specific genes and, 268-69, 272 bacterial chemotaxis and, Genome circularization replacement therapy and, 405, 419 advantages of, 126 1-Fluoro-2,4-dinitrobenzene 273-74 Genome-linked proteins (FDNB) GCN4 gene of RNA viruses, 60-64 glucose transporters and, 774 F-Met-Leu-Phe receptor reinitiation and, 730 Gentamycin GC-proteins rRNA and, 209, 214 transmembrane signaling and. expression of, 566-71 Glucocerebrosidase 661 molecular cloning of guanylyl lysosomal storage disorders and, 259, 262, 266, 269 FOS gene family cyclases and, 560-66 primary responsiveness and, Gel kinetic assay Glucose-6-phosphate phosphohy-287-89 nucleotide insertion fidelity drolase Frameshifting and, 486-87 phospholipid transfer protein translational control and, 719, General insertion protein (GIP) activity and, 88 747-48 translocation mechanisms and, Glucose cotransporters α-L-Fucosidase Na*-dependent lysosomal storage disorders intestinal, 777-79 kidney, 779-80 and, 266, 271 adenovirus, 43 Fusarium spp. adrenoreceptor, 658-59, 665 Glucose transporters linear plasmids and, 57 atrial natriuretic factor, 231, facilitative 235-42 biochemical assymmetry catecholamine receptor, 656 and. 772-74 G cell adhesion molecule, 160, characterization of, 759-61 165-66, 170 chemical mechanism of transport and, 776-77 chaperonin, 340 HIV and, 590-593, 598 competence, 290 conservation of structure GAL10-neo gene DNA polymerase, 515-16, and, 766, 768 histone regulation and, 854 518, 527-29, 531-32, GLUT 1, 759, 761-63, Galactose 534 40 766-67, 771-76 proteoglycans and, 443, 446 GLUT 2, 759-60, 763-67 early growth response, 290 Galactosialidosis G-protein, 363, 366-68, 376-GLUT 3, 759-60, 764-67

79, 380-85

guanylyl cyclase, 560

GLUT 4, 759-60, 765-67

GLUT 5, 759-60, 766-67

hydrogen bonding specificity and, 771-72 red cell sugar transport kinetics and, 775-76 structural comparisons among, 768-69 structure-function correlations and, 769-71 primary response genes and, 295 Glucuronic acid active, 22 GLUT 1 protein biochemical assymetry and, 772-75 characterization of, 759, 761-63, 766-67 hydrogen bonding specificity and, 771-72 red cell sugar transport kinetics and, 775-76 GLUT 2 protein characterization of, 759-60. 763-67 GLUT 3 protein characterization of, 759-60, 764-67 GLUT 4 protein characterization of, 759-60, 765-67 GLUT 5 protein characterization of, 759-60, 766-67 Glycolipids hydrophobic ligands and, 75 Glycosaminoglycans chains of, 446-50, 458-61 components of, 443-44 linkage regions of, 450 proteoglycans and, 443-67 substitution domains and. 451, 455 α-Glucosidase lysosomal storage disorders and, 258, 265, 271 **β**-Glucuronidase lysosomal storage disorders and, 264-65 Glycoproteins degradation disorders and, 260-61 Glycosaminoglycans degradation disorders and, 261 GM₂ gangliosidoses lysosomal enzyme defects and, 266-68, 272

replacement therapy and, 274

G-protein encoding and, 376-

GPA genes

G-proteins

83, 385

α-subunits and, 363-76

desensitization and, 671-73 genes for, 363, 366-68 GTP binding and, 350-52, 356-85 heterologous receptor systems and, 679-80 ligand binding and, 659, 665-67 mammalian, 363-64 pheromone signaling and, 677 receptor signaling mediation and, 654-59, 681-82 in yeast, 376-83 GroEL chaperone protein translocation mechanisms and, 107, 114 groEL gene gPB folding and, 131 groES gene gPB folding and, 131 Ground squirrel hepatitis virus (GSHV) terminal proteins and, 59 GTPase activating protein (GAP) Ras proteins and, 388-90 Guanosine diphosphate (GDP) translational control and, 723, 727-28 Guanosine monophosphate (GMP) phage PRD1 DNA replication and, 55 Guanosine triphosphate (GTP) GTP binding and, 350-94 phage \$29 replication and, 50 phage PRD1 DNA replication and, 55 rRNA and, 210, 214 translocation mechanisms and, 113, 723, 726-29 Guanylyl cyclases activators of endothelium-derived relaxing factor, 559, 572 heat-stable enterotoxins, 558-59, 572 natriuretic peptides, 556-58, 572 sea urchin egg peptides, 555-56, 572 molecular cloning of adenylyl cyclases and, 562-63 membrane, 559-60 natriuretic peptide-binding domains and, 566 protein kinases and, 563-65 soluble, 560-62 recombinant GC-proteins and, 566-71

By-subunits and, 375-76

coupling and, 659, 665-67

heat-stable enterotoxins and, 570-71 sea urchin membrane, 566 soluble, 571 supercoiling and, 128 H Hairpin-binding factor (HBF) histone RNA processing and, 849-50 Halobacterium halobium chemotaxis and, 423 Heat shock proteins molecular chaperone family and, 331, 342-43 Heat-stable enterotoxins GC-C protein and, 570-71 guanylyl cyclase activation and, 558-59, 572 Hemin regulated inhibitor (HRI) repression of translation and, 741-42 Hepadnavirus replication of, 41 terminal proteins and, 59-60, 64 Heparin proteoglycans and, 444-45, 447-50, 455, 458, 460-61, 464, 467 Heparin-binding proteins Heparin cofactor II Heparin sulfate

proteoglycans and, 459-60 proteoglycans and, 460 proteoglycans and, 444-45, 447-51, 453-55, 458, 460, 462, 464-65 Hepatitis B virus (HBV) HIV activation and, 582, 612 terminal proteins and, 59 Hepatoma phospholipid transfer proteins and, 89-90, 92 Herpes simplex virus (HSV) DNA polymerases and, 528, 532 HIV activation and, 582, 611 proteoglycans and, 443, 446

β-Hexosaminidase lysosomal storage disorders and, 262-66, 272 Hexose transport regulation of, 31-32, 36 Hexuronic acid proteoglycans and, 443, 445-

40

HHF genes histone regulation and, 841-HHT genes histone regulation and, 841-43 HIR genes histone regulation and, 844-45 HIS4 gene histone regulation and, 845 RNA polymerase II and, 708 Histones acid denaturation and, 817 genes for, 827-30, 832-49, 853-56 mRNA level modulation and, 855-56 mRNA structure and, 828-29 posttranscriptional regulation and, 830-32, 847-55 synthesis of, 829-32 transcriptional regulation and, 830-46 Histoplasma capsulatum AIDS and, 582 see Human immunodeficiency virus RNA polymerase II and, 709 hRPB23 protein RNA polymerase II and, 704 HTA genes histone regulation and, 841-45, 854 HTB genes histone regulation and, 841-45, 854 see Human T-cell leukemia Human herpesvirus-6 (HHV-6) Hsp60 HIV activation and, 611 Human immunodeficiency virus (HIV) accessory genes and, 599-601 biological properties of, 580clinical manifestations of, 582-83 cytopathic effect and, 581divergence and, 616-18 gene expression and, 593-603 regulatory genes and, 595regulatory pathways and, 604-12 splicing pattern and, 602-3 structural genes and, 593-L-Iduronic acid in proteoglycans, 443, 447-95

viral, 587-89

gene organization and, 593-603 genetic heterogeneity and, 614-18 genomic complexity and, 614-16 mature virus and, 589-92 mRNA splicing and, 608-10 mRNA transport and, 608-10 Nef protein and, 611 proviral DNA and, 585-87 replication cycle of, 583-92 Rev protein and, 608-11 structure of, 584 syncytia induction and, 581target cell tropism and, 580-Tat protein and, 604-8, 612-14 therapy for, 618-21 viral entry and, 585 viral fusion and, 584-85 virus binding and, 583-84 see also Acquired immunodeficiency syndrome Human T-cell leukemia virus (HTLV) HIV activation and, 611-12 malignancy and, 579 Hunter syndrome lysosomal enzyme defects and, 270-71 Hybrid site model tRNA movement during translation and, 207-8 Honeybee prepromellitin SEC-independent translocation and, 110 hpr3 gene DNA polymerases and, 531 protein folding and, 119 Hurler syndrom replacement therapy and, 273 Hydroxyl radical footprinting and, 52 protection from, 202 Hygromycin rRNA and, 209, 214 I-cell disease lysosomal enzyme defects and, 263 Iduronate sulfatase lysosomal storage disorders

and, 264

50, 458, 460, 466

inc gene antisense RNA and, 646 Inc plasmids antisense RNA and, 646-47 Influenza virus mode of entry and, 585 Information processing systems circuit design and, 431-32, 434-36 conserved domains and, 430-31 functional modules and, 431-36 phosphorylation and, 431 Initiation internal initiation model and. 724-26, 746 ribosome scanning model and, 718, 724-25 translational control and, 734, 736-37 Initiation factors protein synthesis and, 718, 720-21, 723-27, 731-32 rRNA and, 211-12 translational control and, 738-44, 746 Initiation of replication adenovirus and, 41-47 genome-linked proteins of RNA viruses and, 60-63 hepadnavirus and, 59-60 phage \$29 and, 47-55 phage Cp-1 and, 56 phage HB-3 and, 56 phage PRD1 and, 55 terminal proteins in linear plasmids and, 56-59 INO1 gene RNA polymerase II and, 707-Inosine metabolism of, 14 Insulin initiation factor phosphorylation and, 739-40 Interactive surfaces cellular problem of, 325-27 Interferon (IFN) gene identification and, 282 Internal initiation model initiation and, 724-26, 746 Intestinal brush border sucrase lysosomal storage disorders and, 264 Intasome phage \(\lambda\) DNA maturation and, 130

Integration host factor (IHF) phage A DNA and, 130-31,

Inverted terminal repetition

136-42

(ITR)

particles (mRNPs)

adenovirus DNA genome, 41, Lipids translocation mechanisms and, pGKL1, 58 L11 protein 119 phage ⊕29, 47 protein-depleted RNA activity Long-term potentiation phage PRD1, 55 and, 197 primary response gene expression and, 311-12 Invertron α-Lactalbumin acid denaturation and, 816-17 in DNA replication, 56 solvent denaturation and, 812. genome-linked proteins of, Ion channels transmembrane signaling and, 815, 817 60-61 thermal denaturation and, 817 Lutropin-choriogonadotropin 654 IRA genes **B-Lactamase** transmembrane signaling and, Ras proteins and, 390, 392acid denaturation and, 816-17 661 renaturation and, 328 Lymphadenopathy-associated IS10 plasmid solvent denaturation and, 812 virus (LAV) antisense RNA and, 646-48 lacZ reporter genes AIDS and, 580 fidelity mechanisms in DNA Lymphocytes replication and, 485 homing, 444, 451 histone regulation and, 841, LYS2 gene histone regulation and, 845 843-44, 854 regulation of expression and, Lambdoid phages Lysosomal enzymes 296, 304 terminase functional domains gene mutations and, 265-72, and, 133 275 JUN gene family primary responsiveness and, normal genes and, 263-65 see Lymphadenopathyprocessing of, 258-59, 262-287-89 associated virus 63 K Leader peptidase recombinant DNA technology translocation mechanisms and. and, 275 102, 104-6 Lysosomal membranes Leader peptides transport disorders and, 261 primary response gene expression and, 310 translocation mechanisms and, Lysozyme 103-5, 118 pH denatured state and, 814 Kanamycin rRNA and, 209 Lentinus edodes Lysyl residues Kaposi's Sarcoma linear plasmids and, 57 translocation mechanisms and, AIDS and, 582-83 104 LEU2 gene phosphatidylinositol transfer Tat protein and, 613-14 α-Lytic factor prosequence molecular chaperone family protein gene disruption Kasugamycin rRNA and, 211 and, 78 and, 331 KC gene Leucine phage \(\lambda\) DNA maturation regulation of expression and, M 290, 295-96, 304 and, 130, 134-35 Keratan sulfate primary response genes and, proteoglycans and, 444, 447-288-89 M13 procoat protein SEC-independent translocation 48, 451-53, 455 terminal proteins and, 49 Leucyl residues and, 103, 110-11, 114, Kethoxal rRNA and, 202, 212 translocation mechanisms and, KEX 1 protease Maltose-binding protein (MBP) lysosomal storage disorders Ligand specificity determinants bacterial chemotaxis and, 407 and, 264 Mannose-6-phosphate bacterial chemotaxis and, 406-8 lysosomal storage disorders Kinases Linear plasmids desensitization and, 675-76 and, 258-59, 262 initiation of replication and, Maroteaux-Lamy syndrome phosphorylation and, 719, 739-40, 742-43 41, 45-46, 50-51, 56replacement therapy and, 273 Kindling 59, 64 Mating factor terminal proteins and, 56-59 pheromone signaling and, primary response gene expres-676-77 sion and, 311 Lipid-binding site phospholipid transfer proteins transmembrane signaling and, Klenow fragment and, 80-84 661 of Escherichia coli DNA polymerase I, 51 Lipid metabolism Membrane vesicles phospholipid transfer proteins bulk lipid flow and, 74 Kluyveromyces lactis linear plasmids and, 56-58 in stimulation of, 91-93 phospholipid transfer proteins Lipid monomer equilibration and, 93-94 krox genes Messenger ribonucleoprotein intracellular lipid transfer and, regulation of expression and,

74

292, 304

Micrococcin

mif4 mutant

GTP hydrolysis and, 210

chaperonins and, 341

Natriuretic peptides translational control and, MIP1 gene 718, 724, 731, 734-36, guanylyl cyclase activation DNA polymerases and, 515, 743 518, 527-29 and, 556-58, 560-61, 566, 572 Messenger RNA (mRNA) phage \$29 replication and, 54 Type A, 231-33 Type B, 233-34 adenovirus, 43 affinity labeling and, 201 Mobilization Type C, 232-35 atrial natriuretic factor, 231, translational control and, 734 235-37, 242 Monensin Nef protein HIV gene expression and, 593, 596-97, 599-600, cell adhesion molecule, 171, HIV entry and, 585 180 Morchella conica linear plasmids and, 57 602 DNA polymerase, 536, 538 negative regulation and, 611 facilitative glucose transpor-Morphine ter, 764-65 primary response gene expres-Negative regulatory elements sion and, 310 DNA polymerases and, 539 GC-protein, 570 HIV and, 588 G-protein, 363, 366, 383 mif gene guanylyl cyclase, 562 primary responsiveness and, Neomycin histone, 828-36, 845, 847-295 rRNA and, 209-10 MSUI gene 56 Nepovirus HIV, 583, 592, 595-96, 602translational suppression and, genome-linked proteins of, 218-19 3, 608-10 60-61 hybrid sites and, 207 MUC-18 melanoma antigen Nerve growth factor (NGF) cell adhesion molecule prolysosomal enzyme, 267, 270 cell adhesion molecule homolphospholipid transfer protein, ogy to, 181 duction and, 168 90, 93 Mucopolysaccharidoses primary response genes and, 287-88, 290-93, 298, primary response gene, 287, replacement therapy and, 273 300-4, 306 290, 295, 299, 309-10 Mucor mucedo proliferating cell nuclear antiphosphatidylinositol transfer Neurological disorders gen, 523 AIDS and, 583 protein and, 77 protein-depleted RNA activity Muscarinic receptors Neuromedin K and, 197 ligand binding determinants transmembrane signaling and, and, 668 660 RNA polymerase II in synthesis of, 700-1, 708, 711 transmembrane signaling and, Neurospora intermedia rRNA in selection of, 192 660-61 linear plasmids and, 57 site-directed mutagenesis and, mutD5 mutation Neurospora spp. histone genes and, 829, 846 220 DNA replication errors and, 483, 491 RNA polymerase II and, 691, terminase, 132 translational control and, 718-MutT protein 694, 704 19, 723-26, 728-38, DNA replication and, 496-97 NF1 gene 742, 744-49 Ras proteins and, 393 Mycobacterium avium NGF1 genes Metachromatic leukodystrophy AIDS and, 582 lysosomal enzyme defects Myoglobin regulation of expression and, and, 269-70, 272 acid denaturation and, 817-291-93, 304 NH⁺ ions Methanol 18 tRNA binding and, 205 Myokinase initiation of replication and, Methylation history of, 13 49 bacterial chemotaxis and, Nigericin Myxococcus xanthus HIV entry and, 585 409, 413, 420-21 chemotaxis and, 423 N-Methyl-N'-nitro-N-Nitric oxide nitrosoguanidine (MNNG) endothelium-derived relaxing error-promoting mutagenic factor and, 558 events and, 498, 545 Nitrogen assimilation N-Methyl-N-nitrosourea Na*-dependent glucose bacterial chemotaxis and, error-promoting mutagenic cotransporter 423-26 **NMDA** events and, 498 chemical mechanisms and, Metrazole 782-86 primary response gene expresepithelia and, 788-89 sion and, 310-11 primary response gene expression and, 309-10 Nocodazole heterogeneity and, 786-87, cell adhesion molecule bindmicF gene 790-91 antisense RNA and, 646 intestinal, 760-61, 777-79 ing and, 164

kidney, 779-80

kinetics and, 782-86

and, 780-82

structure-function correlations

Nonspecific lipid transfer protein

intermembranal transfer and,

(nsL-TP)

85-88

Outer membrane porins PGlcNAc transferase intracellular lipid transfer and, 75-77 antisense RNA and, 646 lysosomal storage disorders and, 259, 262 intracellular localization and, bacterial chemotaxis and. 89-91 426-28, 430-31, 433-36 Phlorizin lipid-binding site properties Na*-dependent glucose co-transport inhibition and, Oxidative phosphorylations and, 80-81 in tissue, 5-8, 35 780-84 lipid metabolism and, 92 Oxysterols hydrophobic ligands and, 75 membrane properties and, 88 Phosphatases mode of action and, 85-87 translational control and, 719, primary structure and, 79-80 740 steroidogenesis and, 93 Phosphate transfer reactions tissue distribution and, 89-91 bacterial chemotaxis and, Norepinephrine pl plasmid 410-13 atrial natriuretic peptide secreantisense RNA and, 646 Phosphatidic acid p7 plasmid intracellular transfer and, 76 tion and, 245 antisense RNA and, 646 Phosphatidylcholine transfer pro-G-protein signaling and, 655p15A plasmid tein (PC-TP) antisense RNA and, 645 Ntr proteins intermembranal transfer and, bacterial chemotaxis and, p22 plasmid 84-88 antisense RNA and, 646-47 intracellular lipid transfer and, 423-28, 430-35 Nuclear factor of activated Tp27 gene 75-77 cells (NFAT-1) primary responsiveness and, intracellular localization and, HIV gene expression and, 295 589 pac sites lipid-binding site properties phage \(\lambda\) DNA maturation and, 80-84 Nuclear factors protein-priming mechanism of and, 127 lipid metabolism and, 91 DNA replication and, Pancreatic necrosis virus membrane properties and, 87-44-46 genome-linked proteins of, Nuclear proteins 60-61 mode of action and, 85-86 photoactivatable analogs and, Pap D protein primary response genes and, 291-95 molecular chaperone family 82-83 polar head groups and, 83and, 331 Nucleases acid denaturation and, 816 Papilloma viruses solvent denaturation and, AIDS and, 582 primary structure and, 79 810-12 Papovaviruses tissue distribution and, 89 AIDS and, 582-83, 611 Phosphatidylethanolamine Nucleoplasmins molecular chaperone family intracellular transfer and, 76 Paromomycin and, 329-33 rRNA and, 209 Phosphatidylinositol proteoglycans and, 457 Nup475 gene PC4 gene primary responsiveness and, primary responsiveness and, Phosphatidylinositol transfer pro-297-98 tein (PI-TP) 293 nur77 gene PC12 cells intermembranal transfer and, 85-86, 88 primary responsiveness and, primary response genes and, 287-88, 291-93, 298-292-93 intracellular lipid transfer and, 75-78 301, 303-5, 308-9 Pepsinogen O intracellular localization and, lysosomal storage disorders Octamer transcription factor-1 and, 264 lipid-binding site properties (OTF-1) Peptidyl transferase and, 80-82, 84 cross-linking and, 199-200 nuclear factor III identical to, lipid metabolism and, 91 membrane properties and, 88 45 inhibition of, 209 membrane vesicle flow and, protein-depleted RNA activity Octopamine and, 197-98 transmembrane signaling and, 94 RNA-directed biochemical inmode of action and, 85-86 polar head groups and, 84 activation and, 214 Oct proteins histone genes and, 838-40 Periplasm primary structure and, 79 protein folding and, 119 tissue distribution and, 89 oop gene antisense RNA and, 646 Phosphatidylserine Peroxisomes intracellular transfer and, 76 phospholipid transfer protein **Opsins**

formation and, 90-91

SEC-independent translocation

PF3 coat protein

and, 110

Phosphatidylserine synthase lipid metabolism and, 91

Phospho-N-acetylglucosamine

transferase

ligand binding determinants

transmembrane signaling and,

and, 668-71

661

40

histones and, 837-38

HIV and, 590, 591-93, 598

Prostatic acid phosphatase lysosomal storage disorders **Poliovirus** lysosomal storage disorders and, 263 genome-linked proteins of, Phosphoaspartate 61-63 and, 264 bacterial chemotaxis and, internal initiation mechanism Proteases translocation mechanisms and, 418-19 and, 725-26, 746 Phosphoenolpyruvic acid (PEP) Poly(A)-binding protein 103 histone regulation and, 854discovery of, 6-8 Protein kinase C Phosphohistidine 55 initiation factor phosphorylation and, 739-40 bacterial chemotaxis and, Polyosomes 411, 424 translational control and, 732-Protein kinases Phosphonoacetic acid 35, 737, 743, 745-46, GTP binding and, 353 DNA polymerase gene muta-749 molecular cloning of guanylyl tions and, 532 Pompe disease cyclases and, 563-65 lysosomal enzyme defects phage \$29 DNA polymerase Protein phosphatases inhibition and, 50 and, 258, 271 GTP binding and, 353 Phosphorylation Positive inside-rule **Proteins** bacterial chemotaxis and. membrane topology of denatured states of, 796-823 410-13, 416, 418-20, polytopic membrane proacid denaturation and, 814-422-36 teins and, 112 16, 818, 820 global controls by, 738-44 Posttranscriptional regulation chain elasticity and, 801, RNA polymerase II subunits histones and, 830-32, 847-55 817 and, 701-2, 706, 711 Potassium depolarization excluded volume entropy seven-transmembrane-segment gene induction and, 298 and, 801-2 receptors and, 672-74 Potyvirus heteropolymer model and, Phosphoserine genome-linked proteins of, 803-7 60-61 molten globule state and, RNA polymerase II and, 706 POU domain 816 Phosphothreonine of nuclear factor III, 45 pH denatured states and, RNA polymerase II and, 813-18, 820 Prozosin 706 atrial natriuretic peptide secrepolymer-solvent contact in-Phylogenetic conservation tion and, 245 teractions and, 801, translation and, 196-97 Preproteins 803 translocation mechanisms and, physiological conditions Physarum spp. histone genes and, 829, 832 102-20 and, 817-20 RNA polymerase II and, 691 unfolding and, 118 sigmoidal curves and, 821-Picomavirus Preprotein translocase 23 genome-linked proteins of, protein translocation across solvent categorization and, 60-63 plasma membrane and, 803 Pip92 gene 110 solvent denaturation and. primary responsiveness and, 808-13, 815, 820 Pre-steady-state kinetic assays 298 nucleotide insertion fidelity theoretical framework and, Pisum sativum and, 487-88 800-7 chaperonins and, 338 PR genes thermal denaturation and, Plasmodium spp. DNA polymerases and, 521 807-8, 814 RNA polymerase II and, 704-Primases unfolded states and, 797, DNA polymerases and, 521-814 Platelet-derived growth factor folding and, 324-26, 337, (PDGF) 340 RNA primer synthesis and, primary response gene induc-40 interactive surface problem tion and, 286-87, 290, and, 325-27 Proenkephalin 295, 298, 300-2 primary response gene expresrRNA and, 194-95 Ras proteins and, 386-89 sion and, 312 self-assembly and, 322-44 Pleurotus ostreatus Protein synthesis elongation and, 719-21, 727linear plasmids and, 57 phage A DNA and, 126-28, neumocystis carinii 130-31, 146-47 29, 737-38 AIDS-related pneumonia and, structure of, 131 initiation and, 719-21, 723-579, 582 Project K12 27, 734, 736-37 POL genes translocation mechanisms and, mobilization and, 734 DNA polymerases and, 515-120 model for, 722 16, 518, 523, 531, 537-Proliferating cell nuclear antigen phosphorylation and, 738-44

(PCNA)

24

DNA polymerases and, 523-

rates

determinants of, 730-33

measuring, 733-34

reinitiation and, 729-30, 734 Repulsins assembly experiments and, morphoregulatory activity and, 173-74 termination and, 719, 721, 223-24 728, 737 biochemical inactivation di-Proteoglycans Retinoic acid rected by, 213-16 biosynthesis of, 464-67 hydrophobic ligands and, 75 conditional mutants and, 219carbohydrate components and, 20 443-44, 446-50 hydrophobic ligands and, 75 cross-linking and, 199-201, classification and, 445-46, 206, 209 Retroviruses 452-54 reverse transcriptase gene elongation factors and, 210core proteins and, 444, 446, and, 719 11 REV3 gene 450-58 functional role of, 191-92, functions and, 458-64 DNA polymerase and, 528 194 glycosaminoglycan chain in-Reverse transcriptase genes and, 217-18 teractions and, 458-61 gene for, 719 hybrid sites and, 207-8 mechanisms of action and, Reverse translation initiation factors and, 211-458-62 evolutionary arguments and, phenotype detection and, 216-18 nomenclature and, 446 195 Reversion parttime, 444, 451, 458 regulation of cellular protransporter genes and, 485 phylogenetic conservation cesses and, 462-64 Rev protein and, 196 structure and, 443-44, 446antiviral therapy and, 620 protection from probes and, 58 HIV gene expression and 201-2 593, 589, 596-99, 601protein-depleted RNA activity Proton motive force translocation mechanisms and, 602, 604-5 and, 196-98 112 - 13RGD peptide protein mutants and, 222-23 PseudoHurler polydystrophy cell-adhesive proteins and, protein synthesis and, 194lysosomal enzyme defects 49-50 95 and, 263 Rhizobium meliloti ribosomal proteins and, 222-Pseudoknots adenylyl cyclases and, 562-63, 565, 571 RNA polymerase II in syntheframeshifting and, 748 Pseudomonas aeruginosa Rhizoctonia solani sis of, 700 protein synthesis and, 729 linear plasmids and, 57 site-directed mutagenesis and, pT181 plasmid Rhodopseudomonas sphaeroides 220-21 antisense RNA and, 646-47 phosphatidylinositol transfer structure of, 192 protein and, 77-78 subunit association and, 212-Rhodopsin translational suppressors and, dephosphorylation and, 674-R6K plasmid 218-19 antisense RNA and, 646 desensitization and, 671, 673, Ribosomes GTP-binding proteins and, Ras proteins 676 GTP binding and, 351-52, ligand binding determinants 351, 355 356-57, 359-61, 381and, 667, 669-71 specialized, 217 83, 385-90 phosphorylation and, 673-74 translational control and, 718mammalian, 385-90 schematic representation of, 19, 721, 723-39, 742-Readthrough 44, 746-49 translational control and, 719, seven-transmembrane-segment Ribosome scanning model 747-49 receptors and, 655-658, initiation and, 718, 724-25 RecA protein 661 antiviral therapy against AIDS SOS response and, 500-5 Rhodospirillum rubrum chaperonins and, 336, 338 and, 621 Reinitiation translational control and, 729-Rho gene Ricin GTP binding and, 351 RNA-directed biochemical in-30, 734 Renin Ribonucleases activation and, 214 pH denatured state and, 813 lysosomal storage disorders and, 264 refolding and, 324 folding of, 634, 637

antisense RNA and, 647 808 RNA polymerase Replication factor A (RF-A) Ribosomal proteins bacterial chemotaxis and, 425-26, 433 DNA polymerases and, 524functional role of, 222-24 Ribosomal RNA (rRNA) molecular chaperones and, 525 Replication factor C (RF-C) affinity labeling and, 198-99, 343 DNA polymerases and, 525-201 mutant rRNA gene transcrip-26 antibiotics and, 209-11, 218 tion and, 217

solvent denaturation and,

ren gene

protein-depleted, 196-97

RNA polymerase II activation of, 711-12 S6 ribosomal protein carboxy terminal repeat domain and, 690-92, 699, phosphorylation and, 718, 701-12 738-40 higher eukaryotic, 703-4 Saccharomyces cerevisiae stone genes and, 829, 833, adenylyl cyclases and, 562, 565 841 G-proteins and, 376-83 molecular architecture and. histone genes and, 841-43, 693-94 853 properties of, 690, 692 pheromone signaling and, 676 purification of, 691-92 phosphatidylinositol transfer structure of, 702-3 protein and, 77-78 subunits Ras proteins and, 359, 386, architecture of, 703 features of, 695-701 390_94 functions of, 695-701 RNA polymerase II and, 691genes and, 693, 695-704, 712 707, 712 SEC14 structural gene of, 79 Saccharomyces spp. interactions of, 702-3 linear plasmids and, 57-58 phosphorylation and, 701-Salmonella enterides problem of, 692 cell wall topography and, 28 Salmonella typhimurium sequences and, 703 stoichiometry and, 701 chemotaxis and, 406, 408, 417, 424 in yeast, 693-703 phage PRD1 and, 55 RNA polymerase III Sandhoff disease histone genes and, 837 RNA primer lysosomal enzyme defects initiation of replication and, and, 268 40 Saposins RNA-RNA interaction lysosomal storage disorders binding between linear RNA and, 263, 269-70 and stem-loop RNA and, RNA-directed biochemical in-633-34 binding between linear RNAs activation and, 214 and, 632-33 sar gene binding between stem-loop antisense RNA and, 646-RNAs and, 633-35 47 SCG1 gene RNA folding and, 634, G-proteins and, 380 637 RNA splicing Schizosaccharomyces pombe adenylyl cyclases and, 562, cell adhesion molecules and. 165-66 565 RNA viruses G-proteins and, 379 genome-linked proteins of, histone genes and, 845 60-64 Ras proteins and, 359, 394 Sea urchin egg peptides terminal protein-containing, guanylyl cyclase activation 41 and, 555-56, 572 Rolipram messenger ribonucleoprotein primary response gene expression and, 310 particles and, 735 Rom protein SEC14p protein antisense RNA and, 635, yeast secretory protein export 643-45 and, 94 RPB genes SecA protein RNA polymerase II and, 693, protein translocation across plasma membrane and, 695-704 102, 106, 108-9, 115,

117-20

molecular chaperone family

and, 331-32

SecB protein

site-directed mutagenesis and,

antisense RNA and, 645

221

RSF1030 plasmid

102, 105-8, 115, 117-18, 120 SEC genes GTP binding and, 351 yeast gene homology and, 79 SecY/E protein protein translocation across plasma membrane and, 102, 106, 109-10, 115, 118-20 Sendai virus mode of entry and, 585 Serine proteoglycans and, 447, 450-51, 455, 464-66 terminal proteins and, 40, 42, 44, 47, 49 Serine proteases lysosomal storage disorders and, 263 Serotonergic receptors transmembrane signaling and, 660-61 Serum response element (SRE) regulation of primary response gene expression and, 299-305 Serum response factor (SRF) gene responsiveness and, 294 SGLT1 gene Na*-D-glucose intestinal cotransporter encoding and, 760-61, 779 Shine-Dalgarno interaction rRNA and, 197, 201, 215, 217, 220, 223 Shuttle vector systems transporter genes and, 485 Sialidase lysosomal storage disorders and, 262, 270-71 Signal recognition particle molecular chaperone family and, 331-32 translocation mechanisms and, 114-15 Signal sequence receptor translocation mechanisms and, 116 Signal transduction bacterial chemotaxis and, 403-23 GTP-binding proteins and, 350, 352, 356-85 guanylyl cyclases and, 554seven-transmembrane-segment receptors and, 654-82 Simian immunodeficiency virus (SIV)

protein translocation across

plasma membrane and

evolutionary divergence and, Steroid sulfatase lysosomal storage disorders 618 gene expression and, 597, and. 264 599, 601 Sterol carrier protein 2 genomic plasticity and, 614 see Nonspecific lipid transfer mode of entry and, 585 protein proviral DNA and, 586 Strand displacement mechanism Simian virus 40 (SV40) chain elongation and, 40 DNA replication and, 523-26, Streptococcus pneumon 540-42, 544, 546 phage Cp-1 and, 56 Site-directed mutagenesis phage HB-3 and, 56 cell adhesion molecules and, Streptomyces spp. linear plasmids and, 57 163 DNA polymerases and, 530 Streptomycin phage \$29 DNA polymerase rRNA and, 210, 214-15 Strongylocentrotus purpuratus and, 49-51 receptor-ligand interactions guanylyl cyclase and, 566, and, 668-69, 671 568 rRNA and, 220-21 Substance K Site-specific nicking transmembrane signaling and, terminases and, 133 660 Substance P smg genes GTP binding and, 351 transmembrane signaling and, Sobemovirus 661 genome-linked proteins of, Substrate adhesion molecules 60-61 (SAMs) sok gene cell adhesion molecule antisense RNA and, 646 relationship to, 156, 160, 167, 169-75, 178, 182-Sorghum bicolor linear plasmids and, 57 Subtilisin prosequence molecular chaperone family SOS response translesion DNA replication and, 479, 499-505 and, 331 Sparsomycin Succinic dehydrogenase tRNA binding and, 205 isolation of, 34 Sulfation Spectinomycin proteoglycans and, 447-50, rRNA phenotype detection and, 217 460-61, 464, 466 **Sphingolipids** Systemic lupus erythematosus degradation disorders and, (SLE) 260 proliferating cell nuclear anti-Sphingomyelin gen and, 523 intracellular transfer and, 76 Spirochaeta aurantua chemotaxis and, 423 SPT genes 3T3 fibroblasts histone regulation and, 845 mitogen-inducible genes and, 286-87, 297-98, 300-1, RNA polymerase II and, 709 303-5, 307 SSA genes T antigen heat shock proteins and, DNA polymerases and, 526-342 27 SSB protein Tap proteins bacterial chemotaxis and, protein-priming mechanism of DNA replication and, 406, 421 40-41, 53 Tar proteins STE genes bacterial chemotaxis and, G-proteins and, 380-83 406-8, 412-13, 421 Tat protein Steroidogenesis intracellular lipid transfer and, antiviral therapy and, 620

phospholipid transfer proteins

and, 93

cellular functions and, 612-14

587, 589, 593, 595-602

HIV gene expression and,

posttranscriptional activation and, 607-8 transcriptional activation and, 604-7 Tax protein DNA polymerases and, 539 HTLV gene expression and, 587 Tay-Sachs disease lysosomal enzyme defects and, 266-67 TCP-1 protein homology to chaperonins and, 334, 342 Terminal differentiation DNA polymerase gene expression and, 536 Terminal proteins initiation of replication and, 40-64 linear plasmids and, 56-59 Terminases DNA packaging and, 146-47 endonucleolytic activity and, 142-46 genes for, 132-33 initiation complex formation and, 137-42 phage \(\lambda\) DNA and, 127, 130, 132-35, 137-50 structure and function of, 132-35 terminal cos cutting and, 149-50 Termination protein synthesis and, 737 Termination factors protein synthesis and, 721, 728 Tetracycline rRNA and, 202, 214 Tetradecanoyl phorbol acetate (TPA) initiation factor phosphorylation and, 739-40 primary response gene induc-tion and, 287, 289-91, 293, 295, 297-306 Tetrahymena spp. chaperonins and, 334, 340 histone genes and, 846 Tev/Tnv protein HIV gene expression and, 593, 596, 599 TFIID transcription factor HIV gene expression and, 587, 606 Thermus aquaticus protein-depleted RNA activity and, 198 Thermus thermophilus HB8

GTP-binding proteins and,

356

(TGF-B)

gene expression and, 307

proteoglycans and, 456

Thiostrepton Translation Trigger factor GTP hydrolysis inhibition affinity labeling and, 198-99, molecular chaperone family and, 210 201 and, 331-32 protein synthesis inhibition antibiotics and, 209-10, 218 translocation mechanisms and, and, 197 biochemical inactivation and, 107 Trimethoprim 213-16 conditional mutants and, 219in terminal proteins, 40, 44, translocation mechanisms and, 49, 56 20 118 Thrombomodulin cross-linking and, 199-201, trpA gene 206, 209 functions of, 462-63 translational suppression and, Thyrotropin elongation factors and, 210-218 transmembrane signaling and, 11 Trypanosoma brucei 661 genetic evidence and, 216-21 RNA polymerase II and, 706 hybrid sites and, 207-8 Tsr proteins tic gene bacterial chemotaxis and, antisense RNA and, 646 initiation factors and, 211-406, 413, 415-16, 421 TIS genes 12 regulation of expression and, origins of, 195-96 TTP gene 291-94, 297-98, 304 phylogenetic conservation primary responsiveness and, and, 196 293 tnp gene antisense RNA and, 648 protection from probes and, **Tubulins** 201-2 GTP binding and, 351 Topoisomerase I protein-depleted RNA activity DNA synthesis and, 40 translational control and, 749 Toxoplasmosis AIDS and, 583 and, 196-98 Tumor biology protein synthesis and, 718-49 cell adhesion molecules and, repression of, 741-43 TPK genes 180-81 Ras proteins and, 391 rRNA phenotype detection hexose transport regulation Transcription and, 216-18 and, 31-32 histones and, 830-46 site-directed mutagenesis and, Tumor necrosis factor (TNF) RNA polymerase II carboxy 220-21 gene identification and, 282 terminal repeat domain subunit association and, 212-Tumor necrosis factor-α (TNFα) and, 692, 707-12 13 initiation factor phosphoryla-Transfection suppression of, 218-19 tion and, 739 cell adhesion molecule bindtRNA binding and, 202-7 Tunicamycin ing and, 163-66 Translational factors Na+-dependent glucose cotransporter genes and, 485 GTP binding and, 351, 354transport inhibition and, Transfer RNA (tRNA) 56 affinity labeling and, 198-99, Translocase Two-component regulatory sysprotein translocation across 201 tems antibiotic interactions and, plasma membrane and, nitrogen assimilation and, 102, 105, 108, 110, 209-11 423-26, 428 binding and, 192-93, 202-7 115-16 outer membrane porin expresbiochemical inactivation and, Translocation sion and, 426-28 214-16 characterization of, 102-3 protein phosphorylation and, cross-linking and, 199-201 comparisons with other pro-402-3, 423-30 GTP-binding proteins and, tein translocation reac-Tyrosine 355-56 tions and, 113-17 in terminal proteins, 40, 55, hybrid sites and, 207-8 energetics of export and, 59, 61 initiation factors and, 211-12 112-13 U leader peptides and, 103-6 phenotype detection and, 217 phylogenetic conservation Sec protein-dependent, 105and, 196 10 U1 snRNA gene protein synthesis and, 194 Sec protein-independent, 110histones and, 837 RNA polymerase II in synthe-12 U2 snRNA gene sis of, 700 histones and, 837 terminases and, 133 U7-snRNP site-directed mutagenesis and, Translocation ATPase 220-21 SecA protein and, 108-9, histone RNA processing and, translational control and, 718-847-50 19, 723, 727-30, 738, Transmembrane proteins Ubiquinated ribosomal proteins 748-749 molecular chaperone family primary response genes and, Transforming growth factor-β 295 and, 331

Trg proteins

bacterial chemotaxis and,

406-7, 409, 421

Ultraviolet light

primary response gene

identification and, 282

Umu proteins
DNA replication and, 479,
499–505
Unfoldase
translocation mechanisms and,
107, 116
Uracil diphosphate (UDP)glucose
galactosemia and, 21–22
galactose pathway and, 20–21
Uridyl transferase/uridylremoving enzyme
bacterial chemotaxis and,
424, 432–33, 435
Urodilantin

atrial natriuretic factor homol-

ogy and, 232-33

W

Uvomorulin

disease and, 180

structure of, 159 transfection and, 164-65

gene for, 166

Vaccinia virus
promoter of, 44
Van der Waals interactions
phospholipid transfer proteins
and, 85
v-fos oncogene
mitogen responsiveness and,
282
Vibrio cholerae
G-proteins and, 656
Vidarabine (araA)

DNA polymerase gene mutations and, 532 Vif protein HIV gene expression and, 593, 599, 603 Vitamin B6 primary response gene expression and, 310 v-myc oncogene mitogen responsiveness and, 282 Vpr protein HIV gene expression and, 593, 599-600, 603 Vpt protein HIV gene expression and, 593, 601, 603 Vpu protein HIV gene expression and, 593, 600-1, 603 vpx gene, HIV and, 601 Warburg manometers

X-chromosome
DNA polymerase and, 527
Xenopus laevis
cell adhesion molecules and, 168–69, 174, 177
chaperonins and, 334
DNA polymerase and, 516, 522

for aeration, 35

glucose cotransporter and,
777-78, 786
nucleoplasmins and, 333
Ras proteins and, 388, 390
RNA polymerase II and, 691,
694, 704
translational control and, 735,
740, 745
XLNO-38 protein
molecular chaperone family
and, 331, 333
Y
Yeast
desensitization and, 677-79

G-proteins and, 376-83 pheromone signaling and, 676-77 phospholipid transfer proteins and, 77-78 RNA polymerase II and, 693-703 YPT gene GTP binding and, 351

Zea mays L.
chaperonins and, 334
linear plasmids and, 57
zif-268 gene
regulation of expression and,
304
Zinc
DNA polymerases and, 531

RNA polymerase II and, 701